



REPORT

OF THE

Second Industrial Exhibition

OF THE

MECHANICS' INSTITUTE

OF THE

CITY OF SAN FRANCISCO,

HELD AT THE

PAVILION OF THE INSTITUTE,

From the 2nd to the 26th September,

A. D. 1858.



SAN FRANCISCO:

FRANK EASTMAN, PRINTER, FRANKLIN OFFICE, 111 WASHINGTON STREET.

1859.



OFFICERS

OF THE

Mechanics' Institute of San Francisco,

FOR THE YEAR 1858.

JOHN SIME, *President.*

GEORGE COFRAN,.... *Vice President.*

P. B. DEXTER,..... *Rec. Sec'y.*

J. E. KINCAID,..... *Treasurer.*

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PETER DONAHUE,

JOHN N. RISDON,

B. H. FREEMAN,

J. D. PIERSON,

BENJAMIN DORE.

ERRATA. The following numbers were omitted in the Catalogue :—

6. LEWIS LIVINSON. A Table Cloth, manufactured in the year 1741.

672. JEROME HARRIS. A small Stereoscope.

The name of Milo Calkin should have been inserted in the list of members.

On page 142, insert the name of GEORGE COFRAN, in place of that of "*Daniel Van Pelt*," as one of the Executive Committee.

THIRD ANNUAL REPORT,

PRESENTED BY THE PRESIDENT, MR. JOHN SIME, ON THE FIFTH
DAY OF MARCH, 1858.

TO THE OFFICERS AND MEMBERS OF THE MECHANICS' INSTITUTE :—

Gentlemen: In accordance with the Constitution of our Association, it has become my duty to present for your consideration, the third annual report of the condition of our Society, and to make such suggestions in relation to its future management, as the experience of the past shall have taught us will most redound to its credit and usefulness.

I beg leave herewith to present the reports of the Treasurer, and of the Committee on Books and Donations. By the former, it will be seen there now remains in the Treasury a balance of \$203.42; in addition to this amount, there is on deposit in the hands of Messrs. PARROTT & Co., \$3413.41, the balance of unappropriated funds from the proceeds of our late Fair.

The report of the Committee on Books and Donations, shows an increase of about one hundred volumes to our Library by voluntary contributions during the past year, and also miscellaneous contributions to our Cabinet and Reading-Room. This, if not as large as we could wish, is still an evidence of the interest felt by our friends in our success; and, offering them our hearty thanks for past favors, we indulge the hope that they will not overlook us in the future, but continue the good work they have commenced. Our own funds being yet limited, the additions to our Library by purchase are necessarily small. We have, however, forwarded by the steamer of February 20th, last, an order to Messrs. D. APPLETON & Co., New York, to the extent of about one thousand dollars, the catalogue of which has been presented to, and confirmed by you. These works, when received, will form a valuable acquisition to our present collection.

The year just closed has been one to which the officers and members of our Society may justly look back with pride and satisfaction. We have inaugurated, during this period, our First Annual Fair, which has reflected credit upon our young and rising State, and shown to the world that California, proud as she may be of her golden treasures, has other and far greater sources of pride, in the strong arms, stout hearts, and practical intelligence of her adopted sons. That we should have labored under many and great difficulties in this our first attempt at an Industrial Exhibition, is not to be wondered at; but with a steadfastness of purpose and an abiding faith in our ability to overcome all obstacles, we knew no such word as "*fail*," and the result you are all acquainted with.

In relation to our next Fair, to take place in August or September, I would beg to offer a few suggestions, founded upon the experience gained during the progress of our first one. I do not deem this an occasion to enter into details. These can all be arranged in due season, by the proper committees; but a few general remarks I would desire to call your attention to. In the first place, at least two clerks should be employed to superintend the receiving, marking, and registering of the different articles, as presented. The chairmen of the various examining committees should be named and enter upon their duties at as early a day as possible: they should fill their committees, and report to the Executive Committee for their approval, at once, that the latter may act upon their nominations as they may deem most to the interest of the Institute and to the success of the Exhibition. A competent machinist should be employed, to explain to visitors the workings of the different machines and models exhibited. No portion of the building, for any purpose whatever, should be leased, or placed beyond the control of the governing committee. These are a few of what I consider the most important points for immediate action; and I now leave this part of the subject, for your reflection and future consideration. Our utmost endeavors should be exerted to carry out the object of the Exhibition; each member should feel that a responsibility rests upon him, individually, to lend a helping hand, and make it his aim that the coming Fair far exceed and excel our former one. We have an abundance of material to accomplish this: all that is needed is perseverance, and an untiring interest in the work. With these, we need have no fears that additional credit will not be gained by ourselves, and thereby be reflected upon our State, to which the eyes of the world are already directed.

And now, gentlemen, having in brief laid before you my views upon the most prominent and important subjects connected with the welfare of our Institution, I take pleasure in thanking you for the cordial support accorded me as your presiding officer. Differences of opinion may have occurred upon minor questions which have been presented for your consideration, but as each member has had the interest of our Society alone at heart, these have all been happily adjusted in accordance with the views of the majority. May the same unity of purpose and friendly relations exist between the members and their incoming officers as has continued to the present time, and our Association will one day rank among the most favored and useful of its kind in our sister States.

JOHN SIME, *President.*

C I R C U L A R .

The SECOND INDUSTRIAL EXHIBITION of the Mechanics' Institute of the City of San Francisco, will be held in that city in September next, commencing on Wednesday, the 1st, and continuing open at least fifteen days.

The present Directory of the Institute, with the light of experience shed before

them by the efforts of their predecessors, and with the precedent already set establishing the fact, beyond a doubt, that an Industrial Exhibition can be gotten up in this city and conducted to a successful termination, enter upon the task before them with buoyant hopes and bright anticipations, entirely free from all apprehensions of failure in this, the second effort of the Institute. While it will be the constant aim of the members of the new Board to imitate the example of those of the old in their zeal, energy, and harmonious action, it will be their steady care to avoid, if possible, any errors which experience may have detected in the working operations of the system before adopted ; hoping thereby to enlist the hearty co-operation of all who may desire to become contributors to the display, and to secure the approving smiles and generous patronage of an appreciative public.

The advantages which have accrued from our first Exhibition are so numerous and so obvious, as to have secured already to its projectors and those who aided them in the enterprise, the hearty thanks and commendations of all who feel an interest in the progress and welfare of our State. The Exhibition presented in a tangible form unmistakable evidences of the rapid strides which had been, and were still being made in the development of the Mechanical, Agricultural, Horticultural, and Mineral resources of our youthful State. It tended to the dissemination of correct information concerning our immense natural resources, and awakened in the minds of ingenious men new ideas concerning their development. The exhibit of what had been done, so plainly pointed out what still remained to be accomplished, that a spirit of emulation was at once aroused among all classes of the community, and latent talents were aroused and directed to channels of usefulness before unthought of. All this must result in immeasurable benefits ; and, when its record is read abroad—establishing, as it must, in the minds of all who are open to conviction, the fact that California presents such advantages as are no where else to be found, not only to the operative workman of every pursuit, but to him who seeks the safe investment of capital in any legitimate channel—it must have the tendency to bring to our shores an increasing immigration, which is at present our great and only want.

It is earnestly hoped that the coming Fair will in no wise fall short of the attractiveness of the last ; but that, on the contrary, a marked improvement will be visible in every department : and to that end, a cordial invitation is extended for an exhibit of the products of every branch of industry, embracing works of art of every description—inventions of every kind—choice specimens of ingenuity and skill—the delicate and beautiful handiwork of women—useful labor-saving machines—implements of mining and husbandry—new models of machinery—the products of the quarry and the mine, of the hot-house, the orchard, the vineyard, the garden, and the field—in short, whatever nature or art can contribute, curiosity discover, or ingenuity devise.

Importers and Dealers are cordially invited to participate in the Fair, by exhibiting whatever is calculated to excite interest or extend information in regard to useful improvements.

Persons throughout this State and the adjacent Territories are requested to communicate such facts, relative to the natural resources, and the facilities for industrial pursuits in their respective districts, as may be deemed by them important ; also, to give reliable information concerning the geology and mineralogy

of their particular localities ; and a committee of scientific and practical men will be appointed, to prepare a report based upon the information thus derived. We cordially invite the co-operation of all classes, believing that ALL are interested in making this an Exhibition worthy of general notice and admiration.

Medals and Diplomas will be awarded to the owners of such articles as may be deemed worthy of such distinction, and we intend that the strictest impartiality and fairness shall be observed in the appointment of Judges and the distribution of awards.

The State Horticultural Society has determined to hold its second Annual Exhibition in connection with that of the Mechanics' Institute, (as their circulars will announce,) sharing the responsibilities and benefits of the enterprise ; and it is earnestly hoped that their members, and all other persons interested in Horticultural pursuits, will aid with their presence and contributions an exhibition which, if successful, must prove a source of pride and satisfaction to every citizen of the State, and an accelerating influence upon its already rapid progress.

The California Steam Navigation Company, the Pacific Mail Steamship Company, and other transportation companies, have generously offered to carry articles intended for the Fair, free of charge, and all such which may be forwarded should be labeled "For the Industrial Fair," and addressed to "H. F. WILLIAMS, Mechanics' Institute, San Francisco."

SAN FRANCISCO, 17th April, 1858.

ANNUAL ADDRESS,

AT THE OPENING OF THE SAN FRANCISCO MECHANICS' INSTITUTE FAIR,

DELIVERED BY JAMES A. BANKS,

At Musical Hall, on the Evening of 1st September, 1858.

MR. PRESIDENT, AND LADIES AND GENTLEMEN : —

Industrial Fairs have become one of the great distinguishing characteristics of the present age of progress ; and, in connection with the published reports which always accompany them, they are a most efficient means of marking the advancement of a people towards a high civilization. In some form, all modern nations, having the least claim to be regarded as civilized and enlightened, have demonstrated by experience, that they are productive of the most beneficial results ; and in no State of the Union—in no quarter of the globe—are so many practical advantages to be derived from them as in our own young, vigorous and rich, but isolated, misrepresented and misunderstood California.

While we derive from them all the advantages which they secure in other States, in which they have been successfully conducted, we are here, by them, enabled to collect and disseminate information of a tangible and practical character, which, without such agency, would long remain in the form of mere vague, contradictory, floating reports, that could exert no influence for good upon the reputation of our natural resources, or upon that of ourselves for veracity. It is a well known and generally recognized fact, that a fair, such as that we are about to have the pleasure of enjoying, conveys to the mind a much more correct, comprehensive and vivid idea of the resources of our State than can be derived from months of wearisome, expensive and dangerous travel; and the official reports afford a compilation of reliable *data*, upon which the world at large can confidently form definite opinions as to our facilities, condition, progress and prospects.

The great overshadowing want of California is a steady, industrious and contented population—not residents merely, but permanent citizens, devoted to the interests of the country; and not until we secure these can we reasonably hope to enter fully upon an era of uniform, onward, upward advancement toward the high destiny which awaits our richly endowed State. Experience fully demonstrates the fact that persons who come here with an imperfect or an exaggerated idea as to what California is, rarely make permanent residents or useful citizens. We must strive to dispel the idea which seems to still pervade the minds of many when they leave their Eastern home, that this is a dry, parched land, inhabited by a rude people, who have little or no regard for the comforts and the refinements of civilized life; and that the glittering gold, which they foolishly imagine can be secured with but a trifling effort, is the only source of wealth which we possess. We must candidly and fairly present to the world the capacity of our State for sustaining, in comfort, a large population, made up of men and women of all pursuits, and of all classes and conditions in life; and then we may reasonably expect them to migrate hither with their household gods, establish themselves in our valleys and among our mountains, and remain permanently.

It is my purpose, on the present occasion, to present a brief outline of our industrial resources, as illustrated by facts obtained mainly through previous agricultural, horticultural and mechanical exhibitions in this State. But, before calling your attention to our resources in detail, let me ask you to take a brief, general glance at California.

In San Francisco, look at the long rows of stately edifices which

adorn our business streets; look at our fine churches and other buildings of a public character; at our extensive manufacturing establishments, with their acres of machinery; at our splendid, costly private residences, and our numerous tasteful suburban cottages, with their neat yards and vine-clad arbors. Visit our extensive libraries, and spacious, well-furnished reading rooms, and the many other evidences of refinement, wealth and progress, of which we can boast. Consider that she is the fourth commercial city in the Union, and has a population amounting to 60,000 souls, and an aggregate of accessible property valued at \$50,000,000. Consider that she has large numbers of efficient literary, scientific, benevolent and religious associations, which will compare favorably with similar institutions in any city of the Union; and consider, further, that all this has been attained in the brief space of ten years, in spite of obstacles which never could have been surmounted but by that resistless energy, characteristic of the people of California—an energy which cannot fail to carry us rapidly forward to that exalted position among the cities of the world which Nature, and Nature's God, have pointed out as ours. From some of the hills that add so much to the beauty and the health of San Francisco, look at our unrivaled Bay, with its islands, exactly adapted, by character and position, to the erection of defences which no maritime enemy, however formidable, would dare to attack. In extent, it reaches beyond the powers of the unaided eye, and in perfect security it could accommodate not only the navies, but the entire shipping of the world. It is surrounded by extensive plains of unsurpassed fertility, with their delightful groves of wide-spreading oaks, smiling villages and well-tilled farms; while in the back-ground the foot-hills gracefully join the mountains that rear their lofty peaks in the distance; thus forming, with the rock-bound entrance, the "Golden Gate," and the broad Pacific, a scene of picturesque beauty and grandeur upon which no one, however indifferent to the charms of nature, can look with feelings other than those of intense admiration and delight—a scene which only the pen of the poet or the pencil of the painter can possibly portray.

But suppose not, as many who write and speak about California seem to do, that San Francisco, with all her evidences of wealth and with all her advantages, and beauties of scenery, is California. It may be true that "Paris is France," but such a remark cannot with anything like truthfulness be applied to San Francisco and California. And all that is necessary to convince the candid observer of this fact, is a trip through our interior cities and towns, and the rich alluvial valleys and

prolific hills with which they are surrounded. Take passage, for instance, on one of our magnificent California-built river steamers—which fully equal, if they do not really eclipse, the far-famed floating palaces of the Hudson—and, after a rapid and pleasant trip, land at Sacramento, the beautiful “City of the Plains.” Notice its large, permanent buildings, which, in architectural symmetry, will compare favorably with those of any city of the East. Having visited its valuable libraries, its extensive manufactories, its water-works, its admirable bridge spanning the noble Sacramento—an honor to the ingenuity and skill of the California mechanic by whom it was designed, and having seen and heard enough of the din and bustle of the business portion of the city to afford evidence of its mercantile importance, at your leisure stroll along the more retired streets, in the cool shade of the forest of thrifty trees by which they are lined; notice the stately mansions, the neat, vine-covered cottages, the large gardens, with their cooling fountains, their profusion of fragrant flowers of almost every conceivable variety, and the vast abundance of luscious fruits—the result of transportation from every clime; observe all these and a thousand other indications of an enlightened, prosperous and happy population—of a high and noble civilization—and then reflect, that where now you see this city, with a population of 15,000 souls and a taxable property of \$11,000,000—with all this beauty, comfort and grandeur, there were to be seen, in 1853, only the charred, drift-covered remnants of temporary structures, swept from existence by fire and flood.

Indulging in pleasing and hopeful reflections upon the future greatness of California, and the recuperative energy of her people, you can then take a comfortable seat in the cars, and, after passing over an excellent railway, and through a lovely and fertile agricultural valley, you find yourself at the thriving town of Folsom, with its vast quarries of granite, its fine suspension bridge, and grand waterfalls, which designate it as the future Lowell of California. Thence pursue your journey amidst the picturesque scenery of the mountains. Stop by the way to examine the extensive quarries of marble, the numerous quartz mills and the grand fluming, tunneling, hydraulic and other mining enterprises which claim your notice; and observe, too, the flourishing villages, the neat churches and school-houses, the pleasant homes, the fine orchards and vineyards, the blooming gardens, the fertile farms, and the many other indications of wealth that on every hand demand your attention.

Visit the world-renowned “Big Trees.” Measure their vast pro-

portions. One, you will find, is ninety-six feet in circumference and 300 feet in height; another is ninety feet in circumference, and 327 feet in height; and still another, when standing, was more than 450 feet in height and 120 feet in circumference. Compare these with the largest trees of any other country, and you will have a fair illustration of the relative capacity of our soil and climate. But, pass on still further. Go to the most wonderful of all wonderful regions, the Yosemite valley. Gaze on the crystal waters of the Merced river, as in one unbroken sheet they dash over a precipice 1,300 feet in height, and then over others amounting in the aggregate to a fall of 2,400 feet. Behold the sublimity of the surrounding country; and then, although you may never have done so before, worship at nature's shrine. If you would see still more of California, visit the extensive, fertile and lovely valleys of Petaluma, Sonoma and Napa. Tarry for a time at the White Sulphur Springs—a watering place which, in its accommodations, is unsurpassed by any of the similar establishments in the East; and which, in the health-giving properties of its waters and other natural advantages, exceeds them all. Go, then, to the Geysers, and witness another of nature's freaks in the roaring stream, the gushing, heated waters, and the boiling cauldrons of that most remarkable locality. And if you would see still more of the general advantages and the natural curiosities and beauties of our State, go ramble in the dense forests of the North, or loiter for a while amid the extensive vineyards and the orange groves of the sunny south; and then name, if you can, any land beneath the broad canopy of Heaven that can boast half the advantages possessed by California!

It is not my purpose to deal merely in glittering generalities, but to mention facts illustrative of the productiveness of our soil, the superiority of our climate, and the character, extent and value of our mineral resources, as well as to show our inventive and manufacturing inducements and facilities.

However extensive and valuable our other resources, and however sincere the croakers who have for the last nine years been predicting the speedy failure of our gold mines, it must, on a little reflection, appear obvious to any well-informed mind, that they will for centuries remain an increasing and principal source of the wealth of California. It is true that we find partially exhausted placers which were, with fabulous success, worked by the hardy adventurers of '49 and '50, when the more modern sluice, the hydraulic and the quartz-mill, with their numerous and ingenious appendages, existed only in the dreamy imagi-

nations of their inventors. But the subterranean, diluvial deposits and the quartz-leads, which are now the principal source from which the annual yield of \$95,000,000 of gold is obtained, afford a much more reliable dependence, than the superficial mines so successfully worked in the early days of the State.

In California, since 1850, there have been enclosed, for agricultural purposes, upwards of half a million of acres; and there have been erected 135 flouring-mills, at a cost of two and a half millions of dollars. Some of these mills are models of mechanical skill, and in all respects would do honor to any of the older States. Since then 175 saw-mills have been erected, valued at \$2,600,000, which are now supplying from our exhaustless forests, not only our own wants, but are furnishing for foreign markets \$300,000 worth of lumber annually. Within the same period, there have been constructed 4,400 miles of canals and flumes, for the use of mining operations, at a cost of more than \$12,000,000, exclusive of the 800 miles in course of completion. In addition to these there have been erected 150 quartz-mills, the machinery of which is valued, at a low estimate, at \$2,000,000, besides numerous other extensive and valuable works, such as sugar refineries, metallurgical works, tanneries—of which we have twenty, of a capacity sufficient to supply the State—breweries, paper-mills, cordage manufactories, iron foundries and machine shops, adapted to the construction of every conceivable description of machinery, from the most delicate mathematical instrument to the most powerful steam engine, and of a capacity sufficient to supply the entire wants of this coast. These improvements, together with others, have, during the last nine years, increased the taxable property of the State from comparatively nothing to the enormous value of \$160,000,000—which, remember, does not include the vastly greater amount invested in mining claims, churches, colleges, school-houses, hospitals, benevolent institutions, town-halls, growing crops, and the many other kinds of property exempt from taxation. But, notwithstanding all this, and the very important fact that the number of miners has, since '51, decreased fully forty per cent., on account of the demand for labor in agricultural, manufacturing and mechanical pursuits, we still continue to annually furnish for the coffers of other States and nations, more than \$60,000,000. Can the most obdurate of those who seem constantly searching for evidence to sustain their unfounded predictions as to the “giving out of the mines,” find in such facts as these, anything to gratify their envious, morbid desire to prove the poverty of our golden resources?

But the evidences of the wealth of our gold mines do not stop here. In extent, the mining region proper of California, embraces about 14,000 square miles, and besides this, gold is found in the mountains extending through the agricultural counties, in quantities that will pay twice as much per day as laborers receive in the Atlantic States. The portion of this immense region which has been fairly prospected is comparatively insignificant, and sections of it, embracing thousands of square miles, that have been found exceedingly rich, cannot be worked on account of the want of water, which, with great profit to the capitalist, can be abundantly supplied.

The new inventions in gold-washing and proper combinations of machinery, labor, skill and capital, are daily demonstrating the exhaustless wealth of mining regions long since abandoned, as "worked out" and useless. Thus far, the finding of gold deposits has been in the main a mere matter of accident; but after a theory compatible with all the facts known to exist in connection with gold deposits, shall have been discovered, and the mysterious geology of the gold-fields shall have been explained, the discovery of new mines will follow with a rapidity heretofore unknown, and mining will be rendered a much more reliable and profitable avocation. Some of the quartz-leads, adapted to the present imperfect modes of working, are yielding their proprietors princely fortunes; while leads containing a much larger per centage of gold cannot be worked except with loss. This is owing to a simple combination of the gold with sulphurets, a difficulty which I am satisfied will ere long be overcome by the efforts of the ingenious mechanics and learned chemists who are now giving the subject their studious and careful attention. And when once some cheap and efficient means for the accomplishment of this end shall have been devised, an impetus will be given to the advancement of California, second only to that caused by the discovery of the auriferous deposits in 1848; and the inventor will deserve a place in the same list with Archimedes, Watt, Davy, Franklin, Fulton, Morse, and others whose names are indelibly inscribed upon the inventions which remain as monuments of their peaceful triumphs and imperishable glory.

Our mineral wealth is not by any means made up exclusively of gold. The quicksilver mines at New Almaden are by far the most productive of any in the world. They supply a large proportion of all the quicksilver now used, and their richness, together with the improved mode of smelting which California ingenuity has suggested, has reduced the price of mercury to one-fourth its former rates, notwithstanding the

increased demand caused by its extensive use in the gold mines of California and Australia. It is thought, by those conversant with the subject, that if these and the other quicksilver mines of this State were worked to the extent of their capacity, the metal would become almost as cheap as iron. The manufacture of vermilion from mercury and sulphur, of which we have exhaustless deposits, might and will, doubtless, at some future day, be a source of wealth.

Silver has been found here in considerable quantities, generally in connection with other ores; and in the Gadsden Purchase, which must, in the development of its resources, benefit California, there is one of the richest silver mines in the world. Magnetic iron, and other kinds less valuable, are found in abundance. Coal is known to exist in several portions of the State, and in Oregon it is found in large quantities. It is the opinion of eminent geologists that coal mines of the best quality will yet be discovered in this State. Platinum, one of the most valuable metals, is widely distributed throughout California, and might be made a source of considerable profit. In addition, we have chromium, antimony, nickel, palladium, sulphate of iron, bismuth, tin, arsenic, cobalt, manganese, borax in a pure solid state, iodine, obsidian, carbonate of soda, sulphur, porcelain, meerschaum, salt of superior quality and in unlimited quantities, natural soda, springs of unsurpassed excellence, limestone, gypsum, alabaster and marble of the most beautiful varieties and in exhaustless quantities, as well as other valuable products of the quarry and the mine. Saltpetre in large quantities has recently been discovered, and the other components of gunpowder, willow and alder, and sulphur of the best quality, exist here in abundance. Even a single one of these numerous mineral productions has, in many instances, enriched a country; and as they are nearly all found here, plentifully, we can confidently predict that, at no distant period, the developing hand of industry, aided by enterprising capitalists, will make them a source of wealth and prosperity, unequalled in any country on the face of the earth.

Leaving the prolific theme of the minerals of California, let us examine, briefly, her agricultural capacity, and compare it with that of other portions of the world; for it is only by comparison that we can fully and definitely realize the value of our great natural advantages. A few years ago it was generally supposed that but a very small portion of California was susceptible of cultivation; but a series of experiments, on a large scale, in modes of cultivation adapted to our climate and soil, have shown, quite conclusively, that not only our extensive valleys and

plains, but our hills and mountains, will yield, with a profusion unknown in other lands, nearly all the productions of the most favored portions of the temperate and torrid zones. The agricultural lands of California amount to more than forty-one and a half millions of acres, exclusive of swamp and overflowed lands which belong to the State, and are susceptible of being made immensely valuable in the cultivation of rice and other products. Besides this, there is of grazing land thirty millions of acres.

In her capacity for producing the cereals, California stands almost without a rival. To substantiate this proposition, let me mention a few facts. In the wheat-growing portions of the Atlantic States, forty bushels of wheat per acre is the largest yield of which I have been able to find any record or obtain reliable information; and in the great grain-growing States of New York, Pennsylvania, and Ohio, the highest yield is twenty-five bushels per acre. But, in California, sixty bushels per acre is by no means an uncommon yield, and in some cases—in regard to which I have been particular to procure reliable evidence—the yields per acre have been as follows: in one case, eighty-two and a half; in another, ninety-five; and in another, 110 bushels per acre. I have learned of an instance of 120 bushels per acre; but, not having been able to satisfy myself as to the character of the evidence in this case, I will be content with being able to say that, in the production of wheat, California stands, in comparison with the best Eastern wheat-growing districts, as 110 to 40. In California, the average crops throughout the State is thirty, and in many of the wheat-growing counties it is upwards of thirty-five bushels per acre; while in the Atlantic States, before named, it is but fifteen bushels per acre.

The depth and durability of our soil is another remarkable feature of our State. A piece of ground, sown with wheat for sixteen consecutive years, has, at the end of that time, been known to yield more than forty bushels per acre, with a fair prospect of continuing to do so for generations to come. In San Jose Valley I have known a field of barley, containing fifty acres, to produce from a single sowing, five crops, the last of which yielded forty-three bushels per acre; and that, too, without any special care.

In the growth of oats, Indian corn, rye, buckwheat, beans, peas, &c., I might give well authenticated facts and comparisons even more wonderful than these; but, for the present, let these suffice.

Besides the productions already mentioned, our soil and climate are well adapted to the raising of rice, sugar-cane, the mulberry-tree and other products, which I have not time to even name.

As our farming land needs no clearing or other preliminary preparation, (while the mountains afford plenty of timber,) and as there is no danger from rain, during the time of harvest and threshing, the cost of growing grain is less in California than in the Atlantic States.

In the raising of fruits, the soil and climate of California again surpass those of all other countries. The preparation of dried and preserved fruits for domestic and foreign markets, has been commenced on an extensive scale, and in a few years the one and a half millions of fruit trees now growing, with those soon to be planted, will, by the superiority and enormous yield of their products, enable us to compete successfully for the monopoly of the trade. Almost every nook and corner of our entire State is admirably adapted to the growth of the grape. In France, a first-rate crop of grapes is 5,000 lbs. per acre, and 2,000 lbs. is regarded as a fair crop. In the grape-growing districts along the Ohio river, where an inferior grape is produced—8,000 lbs. is considered a very large crop, and 4,000 or 5,000 lbs. is regarded as a good average; but in California the ordinary crop is from 10,000 to 13,000 lbs. per acre; and 15,000 lbs. is not unusual. While in the Old World, and the Atlantic States, the grape crop frequently fails on account of frosts and disease, here it is always sure to yield abundantly. There, the vine must generally be supported by poles; here, it stands without artificial aid. There, a large amount of cultivation is required; here, comparatively little. There, suitable land is costly; here, it can be had for almost nothing. There, the rains frequently interfere seriously with the ripening and gathering; here, during the vintage, we have an unclouded sky. The returns of last year show the grape-crop to have been 51,000 tons, and the wine product about 300,000 gallons, besides a large quantity of brandy.

Without stopping to indulge in a dissertation upon the influence of these productions upon the well-being of society, we cannot for a moment doubt that the pure unadulterated juice of the grape, furnished by our prolific vineyards, while it will prove a source of immense wealth, will become a most beneficial substitute for the pernicious poisonous liquids which now annually send, in their most revolting forms, disease, degradation, misery and premature death to more than thirty thousand otherwise happy American homes. And here let me state, that in the city of New York, alone, there are sold annually three times as many “pure *imported* brandies,” and four times as many “pure *imported* wines,” as are *exported* by all the wine and brandy-producing countries on the globe, saying nothing about the impure beverages derived from

other sources. The substitution of pure California wines for these abominable drugs must certainly exert a most beneficial influence upon the moral, intellectual and physical condition of our people.

The vegetables of California, in quality and productiveness, exceed even those of her cereals and fruits. Time will admit only of brief abstracts from my note-book and agricultural reports, which will, however, show more clearly than figures of speech, the capacity of our soil and climate. Among the most remarkable and well-authenticated of these, without stopping to give names and dates, which by the way can easily be furnished, I shall mention the following: a beet weighing 125 lbs; another, measuring three feet six inches in circumference, could not be weighed, as it was young and the owner wished it to complete its growth; a potato weighing eight pounds; a yield of 700 bushels of potatoes per acre; a very compact cabbage weighing fifty pounds; a turnip weighing forty pounds; a sweet potatoe weighing upwards of twenty-three pounds; a cornstalk measuring twenty-five feet in height; a pumpkin weighing 267 lbs.; on one vine there grew four pumpkins, which together weighed 800 lbs.

As illustrative of the size of our fruits, I might mention a pear weighing four pounds; a bunch of grapes weighing fourteen pounds; an apple weighing two pounds three ounces; a peach measuring twelve and one-half, and a strawberry six and one-half inches in circumference. It may be supposed that as our fruits and vegetables grow to a size so enormous, they are deficient in quality; but this we do not find to be the case. For instance, the *Gloria mundi*, which in the Atlantic States is a coarse apple, is here delicious. Although this unvarnished statement of facts may not embrace much of poetical or rhetorical beauty, it certainly answers admirably as proof of the common proposition that California is, literally and truly, "a great country."

Our remoteness from the crowded manufactories of the Old World and the Atlantic States, is enabling our mechanics to compete successfully with the importer in furnishing many of the more important articles of manufacture. With proper facilities for immigration and a judicious combination of capital and labor, almost every conceivable article of necessity and luxury we require, could be profitably produced within our borders. The skill of our mechanics is of no ordinary kind. It is not merely that of the tasteful Frenchman, the exact German, the careful and scientific Englishman, nor of the ingenious, venturesome Yankee, but a most favorable combination of them all. Besides, the invigorating, salubrious and even character of our climate, enables a

man in California to perform ten per cent. more intellectual and physical labor in the course of a year, than he can in the Atlantic States.

The stock-raising facilities of our State should not be passed in silence. The great extent of our grazing lands, and great abundance of nutritious natural grasses and oats, together with the absence of snow and frost, enable our stock owners to raise cattle, sheep, &c., at but a small expense, and before many years elapse, they will be able to supply at cheap rates, the shipping of the Pacific, as well as the populous countries washed by its waters. Sheep-raising presents a field for enterprise and investment which will doubtless soon become a source of great wealth. The diseases so fatal to sheep in the East, are here almost, if not altogether unknown, and the natural increase of a flock of sheep in California is, at a low calculation, 150 per cent. annually; while the wool, of which considerable quantities are now exported, more than pays the expense of their keeping.

To these resources must be added the advantages to be derived from our salmon, cod and mackerel fisheries, and the whale-fisheries of the Pacific, as well as the world-enriching trade of Japan, China and the Indies.

In this imperfect review of our sources of prosperity, we find much that is well calculated to inspire us with bright hopes for the future—much that is calculated to make us thankful that our lot has been cast in a land so blessed by a beneficent Providence, with natural facilities and natural beauties. Let us all, then, as citizens of California, be true to our adopted home, true to the promptings of a pure, exalted Christian morality; and throwing aside all sectional prejudice and partisan bigotry, let us unite, heart and hand, in making this by far the most noble, the most glorious State, over which floats, in its majestic grace and beauty, the star-spangled emblems of Liberty!

Catalogue of Articles

EXHIBITED AT THE SECOND INDUSTRIAL EXHIBITION OF THE
MECHANICS' INSTITUTE OF THE CITY OF SAN FRANCISCO.

No.	Names of Depositors.	Residence.	Articles Deposited.
1.	Jos. Baker & P. Kerner,	San Francisco,	An Office Desk.
2.	J. E. Nutting,	" "	Patent Air Excluder, for Liquors on draft.
3.	T. H. Bloomer,	" "	A Zinc Case containing Strata taken from a shaft sunk in Australia.
4.	J. D. Arthur,	" "	One Grain-Mill, one Corn-Sheller, one Gang Cultivator, various Forks, &c.
5.	William Hooper,	" "	A large Bell and Fixtures.
7.	Conroy & O'Connor,	" "	A large Bell.
8.	Mrs. P. B. Clark,	" "	A Frame of Shell-work, in case.
9.	Sperry & Co.,	" "	A large Town Clock.
10.	A. B. Cranston,	" "	One five-light Benzole Gas Machine.
11.	D. C. M. Goodsell,	" "	Two models of Steamers, one of Propeller, and two of Sailing Vessels.
12.	G. B. Galloup,	Sacramento,	A lot of Stone and Earthen-ware.
13.	J. Wright,	Vallejo,	Samples of Graining, in frame.
14.	Emma J. Simmons,	San Francisco,	Two Lamp Mats, (Juvenile Dep't.)
15.	C. Bern,	Santa Cruz,	Two Saddle-trees.
16.	E. Kunitz,	" "	A box of Glue.
17.	Britton & Co.,	San Francisco,	Lithographic Drawing and Printing.
18.	R. F. Knox,	" "	A case of Oils.
19.	Harvey Andrews,	Benicia,	Horseshoes and Horse-shoeing Tools.
20.	Michael de Young,	San Francisco,	Drawing of Bunker Hill, (Juv. Dep.)
21.	T. A. Auberlin & H. Eggert,	" "	An Iron Safe.
22.	Isaiah Eakins,	" "	Nine pieces Plated Ware, in a case.
23.	B. D. Horr,	" "	Kegs and Barrels, spec. of Cooperage.
24.	W. M. Pierson,	" "	A Frame Specimen of Penmanship.
25.	Mrs. B. Hagan,	" "	A Crochet Table Cover.
26.	Mrs. Lang,	" "	A Table and Show Case cont'g 9 Caps.
27.	Becker Brothers,	" "	Fifteen Meerschaum Pipes and two boxes Cigars.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
28.	Mrs. Amelia de Young,	<i>San Francisco,</i>	Two Drawings in Crayon and specimen of Writing.
29.	Klevesahl & Co.,	" "	Fourteen bottles German Mustard.
30.	Isaac S. Josephi,	" "	Water Cooler, Lathe and Tools, Watch Movements, and Gold Pens.
31.	Smith & Moffatt,	" "	A Desk.
32.	Mrs. D. Cronin,	" "	Two framed Shell-work Pictures.
33.	Joseph Boardman,	" "	Framed Architectural Drawings.
34.	W. T. & J. Garrat,	" "	A Steam Whistle.
35.	Mr. Williams,	" "	One doz. cases Chelsea Fire Kindlings.
36.	Mrs. Wm. Coffey,	" "	Three sets knit Curtains and 2 Tidies.
37.	Chancey Cure,	" "	Two Sea Owls and specimen Natural Bridge in Virginia.
38.	Klepsig & Co.,	" "	Three Rifles and two Pistols, in a case.
39.	Mrs. H. Rower,	" "	A stuffed California Condor.
40.	Henry Boettger,	<i>San Jose,</i>	Specimens of Pottery Ware.
41.	Mrs. Wm. Murray,	<i>San Francisco,</i>	A Crochet Ottoman Cover.
42.	C. J. Hughes,	" "	Chalk Drawing of a Female Head.
43.	Wethered & Tiffany,	" "	Patent Oil-Gas Apparatus, Gas Stoves, and Drawing of Wethered's patent super heating Steam Furnace, as applied to Steamship Atlantic.
44.	E. Dudgeon,	" "	Four patent Hydraulic Jacks.
45.	E. Fitzgerald & Co.,	" "	Three Iron Safes.
46.	Ellen G. Grant,	" "	Four Crochet Collars, one Edging, and two Chains.
47.	J. W. Bacon,	" "	A Work-Bench, and Model of improved Vice.
48.	Mr. J. H. V——r,	" "	A Jar of Peach Preserves, Japanese Shoes and Stockings, and Coin.
49.	Henry Dusenbury,	" "	Specimens of Minerals from the Geysers, Cal.
50.	William Thurnauer,	" "	Fancy Baskets and Willow Ware.
51.	M. Kelsey,	" "	A child's Boston Chaise.
52.	William Ware,	" "	A Turning Lathe.
53.	Thomas Day,	" "	Four Paintings.
54.	Chas. J. Tracy,	" "	A frame of Visiting Cards.
55.	P. J. Devin & Bro.,	<i>Sacramento,</i>	A Marble Mantle, 2 Plaster Busts.
56.	Mrs. J. E. Terrell,	<i>San Francisco,</i>	A quilted Bed-Spread.
57.	Mrs. Gridley,	" "	Thirteen Water-Color Paintings and a colored Photograph.
58.	Mrs. C. H. Sprague,	<i>Mokel'e Hill,</i>	A Baby's Quilt.
59.	Wm. McLean Dye,	<i>Marysville,</i>	A patent Apparatus for making Grease Gas.
60.	Mrs. S. A. Kelsey,	<i>San Francisco,</i>	A Patchwork Quilt.
61.	George Schmidt,	" "	A Case of Ornamental Hair-plaiting Work.

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62..	Mrs. M. A. Eaton,.....	<i>San Francisco,</i>	Two pieces raised Silk Embroidery.
63..	Wm. Hooper,.....	" "	A large Bell.
64..	H. C. Hayden,.....	" "	Nine Wheeler & Wilson's Sewing Machines and Cases, and one Wardrobe of Work made with same.
65..	John Daly,.....	" "	Two models of Yachts.
66..	Josiah T. Finney,.....	" "	A Whale's Jaw.
67..	Goodchild & May,.....	" "	Bitters.
68..	Mrs. J. F. Corliss,.....	" "	A Patchwork silk Crib Quilt.
69..	Mrs. L. H. Chadbourne,.	" "	A silk Ottoman Cover.
70..	Mrs. Anna Nelson,.....	" "	A Crochet Table Cover, and a Dress.
71..	Capt. George Simpton,.	" "	A model of improved Ship, dispensing with bowsprit and hawse-pipes.
72..	Mrs. H. C. Parker,.....	" "	A frame of Worsted-work.
73..	Thos. R. Stoddart,.....	<i>Pine Grove,</i>	A Revolving Riffle.
74..	Fisher & Co.,.....	<i>San Francisco,</i>	A Hatter's Furnace.
75..	Mrs. A. P. Bessey,.....	" "	A framed Drawing; an embr'd Skirt.
76..	Mrs. B. H. Reed,.....	" "	An Infant's Slip.
77..	F. Grain,.....	" "	Seven Oil Paintings.
78..	Oliver Hyde,.....	<i>Benicia,</i>	A Screw Picket, and Windmill Model.
79..	Mrs. Moody,.....	<i>San Francisco,</i>	Three specimens of Leather-work, and two cases of Coral-work.
80..	John C. Fall,.....	<i>Marysville,</i>	A Statuette.
81..	Encinal Tanning Co.,...	<i>San Francisco,</i>	Four rolls Leather.
82..	Mrs. H. L. Weston,.....	<i>Petaluma,</i>	One piece Worsted Embroidery, an embroidered flannel Skirt, and a case Hair-Work.
83..	J. de la Montanya & Bro.,	<i>San Francisco,</i>	Two Cooking Stoves.
84..	J. Rossiter,.....	" "	Four specimens of Painting on Wire.
85..	Miss Elizabeth Kennedy,	" "	Three Oil Paintings.
86..	John H. Voorhees,.....	" "	A model Seymour & Morgan's Reaper.
87..	Mrs. Frank Adams,.....	" "	A Vase.
88..	Mrs. John Smith,.....	" "	Two Picture Frames of Leather-work.
89..	C. Knus,.....	" "	A Slide Lathe Rest, for foot lathe.
90..	Mrs. Martha Bigelow,...	" "	A frame hair Flowers.
91..	Miss L. R. Monroe,.....	" "	A Bed Spread.
92..	Mrs. A. H. Bewley,.....	" "	A worked Brooch.
93..	Vincent Brown,.....	" "	A drawing of Globular Boiler.
94..	C. Parrott,.....	" "	Three samples of Vinegar and a Rutabaga Turnip.
95..	Jean B. Duquemy,.....	" "	A Corinthian Capital, an Ionic, two Brackets, and an Ornamental Panel.
96..	A. McPherson,.....	" "	A case of marine Shells.
97..	East India Tea Co.,.....	" "	A case containing Teas, Sugars, Coffees, and Chocolates.
98..	Dan B. Vines,.....	" "	A framed Drawing, Ship in full sail.
99..	Newman Bros.,.....	" "	Two Brushes, a case cont'g Brushes.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
100..	Capt. J. Whitney, jr.,...	<i>San Francisco,</i>	Three Models of Steamers.
101..	Frank Dexter,.....	" "	Patent Syrup, Soda and Mineral Water Apparatus.
102..	J. R. Neilson,.....	" "	Three framed Specimens of Drawing with a pen.
103..	Miss Rose A. Crudens,..	" "	An Embroidered Skirt and Handkerchief.
104..	Mrs. C. W. Kittridge,...	<i>Oakland,.....</i>	A Grecian Painting, two India ink Paintings.
105..	Mrs. French,.....	<i>San Francisco,</i>	A frame Leather Work.
106..	Mrs. M. A. Scott,.....	" "	An infant's Dress, machine work.
107..	Mrs. James Neall,.....	" "	A pine cone Basket, containing native California Shells, a Slate Pipe, and a California Shell.
108..	Mrs. E. Chittenden,....	<i>Alameda,.....</i>	A knit Bed Spread.
109..	Mrs. Robinson,.....	<i>San Francisco,</i>	A bead Mat.
110..	Mrs. Wilson,.....	" "	A Pen Wiper.
111..	C. N. Stelling,.....	" "	Five Kegs, empty.
112..	John Burns,.....	" "	A Friction Churn.
113..	Jonas Call,.....	" "	Two Crayon Drawings.
114..	Miss Mary Romie,	" "	A Basket of Wax Flowers. (Juv. Dep.)
115..	Miss Brush.....	" "	Two Oriental Paintings; a Vase of Wax Flowers.
116..	Mrs. A. Gleaser,.....	" "	A Knit Table Cover.
117..	Rainier Rocchiccoli,....	" "	Thirty-one pieces Galvanic Pressed Work.
118..	Mrs. Stephen Otis,.....	" "	Three quilted Bed Spreads.
119..	Hubbard & Co.,.....	" "	Two Stoves; six Britannia Tea Sets.
120..	Mrs. S. C. Still,.....	" "	A Vase of Flowers.
121..	Mrs. Merlet,.....	" "	Two Show Cases containing Millinery.
122..	George L. Woenzel,....	" "	Three Empty Casks.
123..	Mrs. J. H. Poole,.....	" "	An Embroidered Shirt; a patchwork quilted Bed Spread.
124..	J. E. Knowles,.....	" "	Three Empty Kegs.
125..	A. P. Knowles,.....	" "	A Sugar Half Barrel, empty.
126..	J. H. Rocap,.....	" "	A Fancy Sign.
127..	Thos. P. Austin,.....	" "	Two Kegs, empty.
128..	Miss Jane F. Higgins,..	" "	A Worsted Lamp Mat; an Oriental Painting; a Crochet Lamp Mat; two Knit Purses. (Juv. Dep.)
129..	Samuel C. Higgins,....	" "	A Worsted Alphabet. (Juv. Dep.)
130..	W. White,.....	" "	A Barrel of Santa Cruz Lime. A piece of S. C. Lime Rock.
131..	J. V. Miebes,.....	" "	A Copying Machine.
132..	E. J. Muygridge,.....	" "	An Engraving.
133..	Charles Benedict,.....	" "	An Oil Painting, done in half an hour.
134..	Helen L. Dickerman,...	" "	A Map of United States. (Juv. Dep.)

No.	Names of Depositors.	Residence.	Articles Deposited.
135.	Mrs. V. S. Dickerman,	<i>San Francisco</i>	Two Embroidered Collars.
136.	F. Gruber,	" "	Two Show Cases, containing Stuffed Birds.
137.	W. Eugene Smith,	" "	A Pencil Drawing, man and horses. (Juv. Dep.)
138.	Louisa Smith,	" "	Two Crayon Maps. (Juv. Dep.)
139.	Sarah G. Smith,	" "	Sample of Embroidered Alphabet.
140.	G. W. Briggs,	" "	A Mississippi Stove and Furniture.
141.	E. Faisandieu,	" "	Oil Painting, representing Parrot.
142.	Martin Bach,	" "	A Billiard Table.
143.	D. Norcross,	" "	A Case containing Military and Odd Fellows' Regalia and Embroidery; Ladies' Dress Trimmings; two Masonic and one Odd Fellows' Charts.
144.	Mrs. D. Norcross,	" "	A Case containing Ladies' Under Linen; two cases Embroidery.
145.	S. L. Boley,	" "	A Sugar Half Barrel.
146.	Mrs. Stallman,	" "	A Frame of Worsted-work Pictures.
147.	L. Bacon,	" "	A Framed Pencil Drawing, "Cadmus."
148.	M. Hale,	" "	A Set of Italian Images.
149.	Mrs. Mish,	" "	Two Show Cases containing Millinery Goods.
150.	Miss Sandford,	" "	Two Framed Paintings, pastel and water color.
151.	Miss Alice Steinert,	" "	Two Worsted Pictures. (Juv. Dep.)
152.	James W. Gripe,	" "	A Manzanita Cane.
153.	H. J. Seger,	" "	A Crayon Drawing. (Juv. Dep.)
154.	Chas. D. Shed,	" "	Two Oil Paintings.
155.	Mrs. John Bender,	" "	Two Knit Table Covers.
156.	John Wigmore,	" "	A Silver-plated Show Case.
157.	Gordon, Brooks & Backus	" "	A Mississippi Stove and suit of copper Furniture; two Water Coolers; two Urns; two Patent Pans.
158.	Noisy Carriers,	" "	A Case containing Gold Pens, California make, and some N. Y. make.
159.	Alexander Buswell,	" "	A Show Case containing a Blank Book Ledger.
160.	J. Ward Eaton,	" "	Two Mats and three Tidies.
161.	Mrs. S. B. King,	" "	Two Ottoman Covers.
162.	Mrs. Wm. H. Hyde,	" "	A framed leather-work Picture, containing Bridal Wreath.
163.	Miss Eliza Donahoe,	" "	An embroidered Skirt.
164.	Kennedy & Bell,	" "	Twelve Hearth Rugs.
165.	C. Wadhams,	<i>Sacramento,</i>	A keg of Draught Ale, a keg Cream Ale, five jugs Brown Ale, and eight bottles XXX Stout.
166.	Graves & Williams,	<i>San Francisco,</i>	Two barrels Santa Cruz Lime, two boxes Lime Rock, one box Fruits.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
167..	Salvator Rosa,.....	<i>San Francisco,</i>	A case cont'g Musical Instruments.
168..	Thomas Robinson,.....	" "	A block hard Freestone.
169..	Mrs. M. G. Whitman,...	" "	A white lace Veil.
170..	Col. H. P. Russ,.....	" "	Two patent spiral Amalgamators.
171..	Joseph B. Thomas,.....	" "	A Banjo.
172..	Silas Fuller,.....	" "	Two boxes and two lumps of Coose Bay Coal.
173..	John Brannan,.....	" "	An oil Painting of Knight Templar.
174..	N. Bush,.....	" "	Three oil Paintings.
175..	Mr. & Mrs. D. Bush,....	" "	A case of Hair Jewelry.
176..	J. L. Van Bokkelen,....	" "	Specimens of Iron plated with copper, for manufacturing and mining purposes.
177..	G. R. Fardon,	" "	Two framed Photographs.
178..	Tice & Bro.,.....	" "	A Brick Pier.
179..	Mrs. Wakeman,.....	" "	A piece of Embroidery.
180..	Wm. Shew,.....	" "	A show case containing Pictures.
181..	J. L. Blaikie,.....	" "	A steamboat Model.
182..	Miss Mary Scales, pupil of Mrs. Stevens,	" "	Two crayon Drawings, Two pastel Drawings, leather frames, one lead pencil Drawing. (Juv. Depart.)
183..	Jacob Nichols,.....	" "	Two boxes contain'g Stuffed Reptiles.
184..	Mrs. Stevens,.....	" "	Seven Leather Framed Paintings; three Gilt Framed Paintings; an Embroidered Raised Lamp Mat, and a Locket, containing hair from Washington's head.
185..	Garcin & Co.,.....	" "	A Pattern of Windmill.
186..	Miss Matilda Mott,.....	" "	Two Gilt Framed Drawings in Crayon. (Juv. Dep.)
187..	Miss Maria Dolet,.....	" "	A Pencil Drawing. (Juv. Dep.)
188..	Anna Hecht,.....	" "	A Pencil Drawing. (Juv. Dep.)
189..	Ellen Hulbert,.....	" "	A Crayon Drawing.
190..	Jesse S. Blydenburgh,. .	" "	A patent Ore Separator.
191..	Charles D. Shed,.....	" "	Two oil Paintings.
192..	Mrs. A. Bunner,.....	" "	A pair of open-work Hose.
193..	Miss Henrietta Thomas,. .	" "	An embroidered Shawl.
194..	Jarvis Jewett,.....	" "	An artificial Leg.
195..	August Masson,.....	" "	Four Picks.
196..	Mrs. Wm. H. Howland,. .	" "	A raised worsted-work Ottoman Cover; two pairs of Gent's Socks and a Bed-spread.
197..	Thomas Donnolly,.....	" "	Two boxes and two bottles of Yeast Powder.
198..	Miss Harriet A. Bud, aged five years,.....	" "	A hemmed Handkerchief. (Juv. Dep.)

No.	Names of Depositors.	Residence.	Articles Deposited.
199.	Mrs. E. Conklin,.....	<i>San Francisco,</i>	An embroidered Skirt.
200.	C. Reilly,.....	" "	Three Sails; a case of brass Thimbles.
201.	Miss Abby Jane Ham,..	" "	Six crochet Collars. (Juv. Dep.)
202.	Rasche & Sons,.....	" "	A Piano.
203.	Mrs. G. A. McCoun,....	" "	A leather Work Table; a leather What-not.
204.	E. T. King,.....	" "	A model of Pulverizer and Amalgamator.
205.	Mrs. Ironside,.....	" "	A box Silk Pattern, containing 270 pieces.
206.	J. H. Pierce,.....	" "	A Cemetery Deed of Fire Department, written on parchment.
207.	Mrs. Lathrop,.....	" "	A pair of gents' worked Slippers.
208.	James D. Irving,.....	" "	Samples of Paper manufactured by Taylor & James, at Pioneer Paper Mills, Taylorville, Marin Co., Cal.
209.	Miss M. T. Campbell,...	" "	Two French Tea Sets, one French Dinner Set, porcelain.
210.	Mrs. John Johnston,....	" "	A knit Bed Spread, cont'g 630 pcs.
211.	Miss Eliza J. Smith,....	" "	A worsted-work Picture.
212.	O. Fuller,.....	" "	A marble Table, and a Sofa.
213.	Mrs. Theo. Boschutte,...	" "	An embroidered Foot-Stool and a hair-work Brooch.
214.	Mrs. Scales,.....	" "	A needlework Toilet Cover.
215.	Capt. Smith Cram,....	" "	A Model of Quartz Crusher.
216.	Hyde & Houghton,.....	<i>Vallejo,.....</i>	Two Models of Post Drivers.
217.	Miss Mary E. F. Ayres,.	<i>San Francisco,</i>	A worsted-work Picture, Flight to Egypt. (Juv. Department.)
218.	Chas. Curtiss,.....	" "	A preserved Orange Leaf, from Washington's Tomb, Mt. Vernon.
219.	Mrs. A. P. Glover,.....	" "	Three pieces embroidered Furniture, and a black lace Veil.
220.	Mrs. E. M. Walton,....	" "	A leather framed Painting, a crayon Drawing, and a Grecian Painting.
221.	Master G. W. Galloway,	" "	A ship Model. (Juv. Department.)
222.	Mrs. J. H. Josselyn,....	" "	Two vases worsted Flowers.
223.	M. S. & B. Brown,.....	" "	A stand and twenty-two bottles pure Extract Jamaica Ginger, California manufacture.
224.	Henry G. Wolgamuth,...	<i>Volcano,.....</i>	A marble Statnette, (Nymph.)
225.	Mrs. Wm. Wood,.....	<i>San Francisco,</i>	A child's embroider'd Dress and Cape.
226.	Joseph Perkins,.....	" "	Waterman's Gas Regulator.
227.	G. McFarland,.....	" "	Ten cases each one doz. Mac's Bitters, forty-five bottles do., thirty cases Essence Jamaica Ginger, twenty-nine bottles do., two doz. pint bottles Essence Peppermint, two pots Mac's Golden Salve.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
228..	Mrs. Josephine Chase,...	San Francisco,	A frame of Shell-work.
229..	Mrs. B. F. Hardy,.....	" "	A Sofa Cushion, block-work, a card Sea Mosses.
230..	B. F. Hardy,.....	" "	Ten specimens Fossils and Minerals, from Placer Co., Cala.
231..	Meuli & Schulthess,....	" "	A case containing Maccaroni and Vermicelli.
232..	Edward Franklin,.....	" "	A silver gilt Chalice Cover.
233..	Mrs. John A. Collins,...	" "	A leather-work What-Not, two crayon Drawings, a block piece Patch-work and a pencil Drawing.
234..	Miss Jennie M. Collins,...	" "	A pencil Drawing, and a crayon do., (Juv. Department.)
235..	Calvin Nutting,.....	" "	An Iron Door.
236..	H. Hewitt & Co.,.....	" "	A Grain Sower and Harrow.
237..	A. Kohler,	" "	A case Fancy Goods, a case Musical Instruments, samples of California published Sheet-Music.
238..	Geo. S. Dickey,.....	" "	Show-case Chemicals, for competition.
239..	Sperry & Co.,.....	" "	A Watch Clock.
240..	Samuel E. Oakley,.....	" "	A keg of Cider, and a case of Cider.
241..	Wm. E. Dennis,.....	" "	A water color Painting.
242..	John Hahn,.....	" "	Nine Mirrors.
243..	Joseph Lee,.....	" "	Two Signs.
244..	J. Hunt,.....	" "	A framed piece of Printing, done by pen. (Juv. Department.)
245..	Miss C. Hahn,.....	" "	An embroidered Handkerchief.
246..	Thos. R. Stoddart & J. H. Brown,	" "	A model of Sectional Mountain Ordnance.
247..	C. W. & G. W. Armes,...	" "	Two Broom Machines; samples of Broom Corn and eleven Brooms.
248..	Walter & Tompkins,....	" "	A case containing Clothing,—one dress and one frock Coat, two pairs Pants and two Vests.
249..	William Thurnauer,....	" "	A fancy Carriage, — one child's do. child's Perambulator; two fancy Bird Cages.
250..	Fernando Carlos,.....	" "	A Stand containing a Mexican Saddle, a California Saddle, a pair of Leggings, a pair of goat skin Pants, a hair Bridle and Rein, a pair of Spurs, a pair of Spurs silvered, a black Bear Skin, a silvered Bridle, a Chinese Robe, a Buffalo Robe, a hair Whip, three hair Ropes, and a Mochilla.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
251..	Miss Stevenson,.....	<i>San Francisco,</i>	A colored Crayon.
252..	Mrs. Oakes,.....	" "	Eleven oil Paintings.
253..	Chas. G. Grey,.....	" "	An oil Painting ; an oil Painting on iron.
254..	Miss Lottie Smith,.....	" "	A water color Painting.
255..	P. Mezzara,.....	" "	A Cameo Portrait ; an original Cameo Cutting ; a frame with Cameo Portrait ; a framed Bracelet, Cameo portraits ; a Medallion Hand.
256..	Edwin Foster,.....	" "	A Schooner. (Juv. Dep.)
257..	William Lindsey,.....	" "	A Head Stall and Reins.
258..	Lester & Gibbs,.....	" "	A case cont'g Boots, Shoes & Gaiters.
259..	Mr. Fish,.....	" "	A Stand containing three doz. bottles Fish's Hair Restorative.
260..	J. H. Dunnell,.....	" "	Five "Singer's" Sewing Machines.
261..	H. Bush,.....	" "	Twenty Pictures.
262..	Geo. O. Whitney,.....	" "	Eight pieces Furniture.
263..	Ella Badger,.....	" "	A painted Pincushion. (Juv. Dep.)
264..	H. W. Walker,.....	" "	Two portable Ovens, made by self, and two Printing Stamps, imported.
265..	W. Knibbe,.....	" "	Six oil Paintings.
266..	Dyer & Bailey,.....	" "	Twenty-one Photographs and twenty-five Ambrotypes.
267..	Miss Abbott,.....	" "	A gold-embroidered Pincushion.
268..	G. P. Kimball,.....	" "	A top Buggy.
269..	C. Sassenberg & C. Dall,	" "	Decorative Paper Hangings.
270..	James W. Stevens,.....	" "	A bottle containing Puzzle.
271..	Baker & Cutting,.....	" "	A stand of Pickles, Cider & Ketchup.
272..	Nathaniel Gray,.....	" "	A Hearse.
273..	Eaton & Bostwick,.....	" "	Two sacks of Flour, a sack of Flour, Vineyard Mills.
274..	Clinton Mills,.....	<i>Clinton,</i>	A sack of Flour.
275..	Miss Purcell,.....	<i>San Francisco,</i>	A child's Dress, executed on "Grover & Baker's" Sewing Machine.
276..	J. Moulton & Co.,.....	" "	A stand containing Blocks, Mast-head, &c.
277..	Vulcan Iron Work Co.,..	" "	Two Tyler's Water Wheels, one made here, one imported.
278..	Jacob Shew,.....	<i>Sacramento,</i>	Six Daguerreotypes.
279..	J. Johnston,.....	<i>San Francisco,</i>	An oil Painting.
280..	Ellen Hulbert,.....	" "	A pencil Drawing.
281..	J. Napthaly,.....	" "	A framed piece of Writing.
282..	W. H. Howland,.....	" "	A Quartz Mill.
283..	C. F. Marwedell,.....	" "	A case of Steam Guages ; one of Optical Instruments ; a Foot Lathe ; a compound Stereoscope ; a Landfear's Pocket Sewing Machine,

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
284..	S. W. Shaw,.....	San Francisco,	Three oil Paintings ; nine Photographs, painted in oil.
285..	John Hale,.....	" "	A Cooking Range and Boiler ; a copper Boiler ; three Tea Trays.
286..	Holcombe Brothers,....	" "	A case of Boots and Shoes.
287..	Mrs. Dannenberg,.....	" "	Two cases containing embroidered Infants' Clothing.
288..	Wm. Turkington,.....	" "	A small Foot Lathe.
289..	Thos. J. Donnelly,.....	" "	Two oil Paintings.
290..	Mr. Officer,.....	" "	Two Portraits ; two large painted Photographs ; a small painted Photograph ; two Miniature Portraits in ivory.
291..	Chas. E. Jay,.....	" "	A Steam Engine.
292..	James Stark,.....	" "	Six Photographs.
293..	C. H. Sherman,.....	" "	Six Mosaic Pictures ; seven English Sheep Skins ; a brocatelle spring Arm Chair.
294..	W. K. Vanderslice,....	" "	A silver Pitcher.
295..	J. S. Mulhare,.....	" "	An oil Painting, and Declaration of Independence.
296..	H. Eilerman & Co.,....	Marysville,...	A show case of Clothing.
297..	F. Nutz,.....	San Francisco,	An Oriental Sign.
298..	A. P. A. Veldhuyzen,...	" "	A frame of Written Visiting Cards.
299..	O. H. Boyd & Co.,.....	" "	A case of Hats.
300..	G. M. Wood,.....	" "	A frame of Stencil-plate samples.
301..	J. W. Shaeffer,.....	" "	A case of California made Segars ; a Tobacco Plant.
302..	John Neubert,.....	" "	Eight bottles of Bitters.
303..	Mrs. Bassett,.....	" "	An embroidered satin Skirt ; a piece of Atlantic Telegraph Cable.
304..	Mrs. M. H. Murphy,....	" "	Two Drawings, bought at the sale of Washington's effects, Market street, Philadelphia.
305..	Augustus Elliott,.....	" "	A machine Drawing.
306..	John A. Plummer,.....	" "	A water color Painting.
307..	L. R. Townsend,.....	" "	Six Architectural Drawings.
308..	Ehrenpfort & Volberg,..	" "	A case Upholstery.
309..	Alex. Edouart,.....	" "	Three oil Paintings.
310..	C. Lacey,.....	" "	A stone Baptismal Font.
311..	W. H. Derrick,.....	" "	Model of Self-protecting Wind-mill.
312..	Maria H. Parkhurst,....	" "	A Quilt.
313..	Mrs. E. H. Tallman,....	" "	A case Ladies' Under Garments.
314..	H. F. Ross,.....	" "	A case containing Holy Bible, bound by self.
315..	E. W. Willett,.....	" "	A Model of Ship.
316..	Mr. Merrill,.....	" "	A frame containing one piece Continental Paper Currency.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
317..	Caroline Kremer,.....	<i>San Francisco,</i>	A Cushion.
318..	Mrs. P. E. Rodgers,.....	" "	A frame of Hair-work, a 2d Lieut.'s Commission to Cyril Lee by Oliver Wolcott, 1797.
319..	Mrs. Grimes,.....	" "	A pair of silk Suspenders, worked in Canton.
320..	Georgiana Ward,.....	" "	An embroidered Lamp Mat.
321..	Gilchrist & Ross,.....	" "	A Ledger.
322..	Brignardello & Machiavello,.....	" "	Sixteen boxes and three baskets Vermicelli, Macaroni & Italian Paste.
323..	Margaret Mulhare,.....	" "	A framed Hair-work Picture.
324..	Claude Long,.....	" "	A set of Jeweler's Tools.
325..	A. Menges,.....	" "	An oil Painting.
326..	Miss Bertha Leszynsky,.	" "	A piece of Worsted-work, Joseph telling his dream.
327..	Jones, Wool & Sutherland,.....	" "	A Gilt Frame.
328..	H. O. Gaylord,.....	" "	A portable Letter Copying-Press.
329..	Woodworth & Co.,.....	" "	A Piano.
330..	S. F. Bible Society,.....	" "	Twelve gilt Bibles, in case.
331..	John B. Le Gay,.....	" "	A case of Hats.
332..	Mrs. W. E. Brown,.....	" "	Two pastel Paintings, five oil Paintings, two Paintings on glass.
333..	Zergenhirt Bros.,.....	" "	A case Ladies' Dress Trimmings.
334..	Miss Carlotta Casanova,	" "	A frame of Worsted-work, raised, a frame of Hair-work, made in the College of St. Catharine, Benicia.
335..	P. J. Chevalier,.....	" "	Twelve Elastic Tiles, for bulk-heads and fortifications under water.
336..	Miss F. E. Stevens,.....	" "	A child's knit-work woolen Shirt.
337..	J. G. Staedler,.....	" "	A case of Jewelry.
338..	Sierra Nevada Mills,....	" "	A sack of Flour.
339..	Leonora M. Fairbanks,.	<i>Stockton,</i>	A silk Bed Quilt.
340..	<i>Withdrawn.</i>		
341..	Mrs. M. E. Fowler,.....	<i>San Francisco,</i>	A silver-work Drawing of Steamer.
342..	J. S. Paxson,.....	" "	A large double Pump, a box of Pumps.
343..	Sarah B. Woodward,....	" "	A crayon Drawing, Bunker Hill Monument.
344..	Chas. L. Isaacs,.....	" "	Eight Bunker's Patent Life-preserving Shirts.
345..	Battles & Co.,.....	" "	Samples of Rice, Coffee, &c., in case.
346..	Jas. & John McConnell,.	" "	A case Trusses and assorted Cutlery.
347..	J. T. Bowers,.....	" "	Specimens of Cinnabar Ore & Quick-silver, from New Almaden mines.
348..	Capt. Roberts,.....	" "	An oil Painting.
349..	Mrs. Johnston,.....	" "	An oil Painting, (child with dog.)

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
350..	Locan & Co.,.....	San Francisco,	Two cases containing Fancy Goods, imported, embroidered Table Cover and Embroideries, made here.
351..	Mrs. S. A. Newton,.....	" "	Two monochromatic Drawings.
352..	Mrs. Susan M. McElroy,.	" "	Dress and guipure lace Mantle, in a case.
353..	Mrs. M. Hill,.....	" "	An oil Painting, in leather frame.
354..	Mrs. C. Sheldon,.....	" "	A silk Pin Cushion, cont'g 348 pcs.
355..	B. Carson,.....	" "	Specimens Card Engraving, in frame.
356..	J. Hartman,.....	" "	California made Hats, various kinds, beaver, otter, silk, &c., Raw and Prepared Skins and Furs for making Hats.
357..	L. R. Townsend,.....	" "	An Ancient Axe.
358..	W. F. Allen,.....	" "	Four models of Sloops & Schooners.
359..	Jas. B. Johnson,.....	" "	A patent Windmill.
360..	M. Wasserman,.....	" "	A framed specimen of Penmanship, done in eight hours.
361..	Minetta Rien,.....	" "	A framed hair-work Flower.
362..	Cootey & Gilbert,.....	" "	A case of samples of Oil, Camphene and Burning Fluid.
363..	R. G. Burgess,.....	" "	Shells from Islands in the Pacific.
364..	Stanford Bros.,.....	" "	Eight sample jars, Oil, Camphene and Fluid.
365..	John Taylor,.....	" "	Samples of Glassware and three Jars.
366..	<i>Withdrawn.</i>		
367..	Morgan Gale,.....	" "	A Tuning Fork, Screwdriver and Hammer.
368..	E. J. Ewatt,.....	" "	A Bell Enunciator.
369..	E. A. Taylor, (Agent),..	" "	Weaver's Dross Riffle for saving fine gold; Weaver's Quicksilver Amalgamator.
370..	Mrs. Noble,.....	" "	Four Flowers in water colors.
371..	E. A. Taylor,.....	" "	Three fram'd Advertising Show Cards.
372..	J. & H. Pierson,.....	" "	Twenty-eight jars of Candy; a vase of gum-paste Flowers; two cases fancy Candies.
373..	Pioneer Mills,.....	" "	Six sacks of samples of Cracked Wheat, Flour and Hominy.
374..	Mrs. Siebrecht,.....	" "	A knit Tidy.
375..	Peter Smith,.....	" "	A barrel of Salmon; a barrel of California Mackerel; a half barrel do.; a half barrel of Salmon; three kits of California Mackerel; a kit of California Herring; a kit of Anchovies; a box of smoked Salmon.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
376..	Main & Winchester,.....	<i>San Francisco,</i>	A California made lady's side Saddle ; one do. Mochilla Saddle. one do. Ranger Saddle, & various articles of horse and buggy trimmings.
377..	Mrs. J. B. Cook,.....	" "	A Japanese Jewel Case ; a Cologne Stand ; two specimens of elastic Roofing.
378..	Geo. H. Johnston,.....	" "	Three Photographs, colored in oil ; two Melainotypes ; six plain Photo- graphs ; two India ink Drawings ; two solar Pictures, life size ; twelve colored Photographs and two col- ored Melainotypes, in a case.
379..	Wm. L. Handy,.....	" "	A Fire and Steam Regulator, invented by self, here.
380..	J. B. Newman,.....	" "	Three empty Kegs.
381..	F. W. Ayres,.....	" "	A Miner's Pick.
382..	H. Hertzen,.....	" "	A pencil Drawing.
383..	Henry Willis,.....	" "	C. H. Reynold's patent variable Steam Engine Cut-off.
384..	<i>Withdrawn.</i>		
385..	W. P. Miller,.....	<i>Stockton,</i>	A light Sulky.
386..	David Moore,.....	<i>San Francisco,</i>	Egg of African Ostrich, and speci- mens of Coral, in a case.
387..	C. C. Slade,.....	" "	A Painting, water color ; a pencil Drawing and a Frame Writing. (Juv. Department.)
388..	T. Ellsworth,.....	" "	A plant of Spanish wrapper leaf Tobacco, grown in San Francisco.
389..	George Ciprico,.....	" "	Sixteen bottles of Hair Restorative ; ten bottles Extract of Quillay ; four of Extract of Shampoo ; ten of Hair Dye.
390..	J. Wise,.....	" "	Twenty oil Paintings and twenty- eight Photographs.
391..	C. F. Hamilton,.....	" "	Twenty-four Ambrotypes and two painted Photographs.
392..	Mrs. Emily Corbuisier,..	" "	A patchwork quilted Bed-spread.
393..	Mrs. J. Hammersmith,..	" "	A patchwork Bed Spread.
394..	W. F. Kellett,.....	" "	A specimen of Plaster Centre Piece and Cornice.
395..	J. W. Sayward,.....	" "	A model of Northern Indian Canoe ; a Port Ludlow Clam Shell, from Washington Territory, and a North- ern Indian Blanket.
396..	H. H. Thrall,.....	" "	A model of Fraser River Canoe.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
397..	Master Geo. Tingley,...	<i>San Francisco,</i>	A crayon Drawing; two ornamented Whale's Teeth.
398..	Col. H. P. Russ,.....	" "	A plan of Quartz Mill, designed by himself.
399..	James O. Dean,.....	" "	A model of Jury Rudder, made by Capt. Job G. Lawton.
400..	Mrs. James Mulhare,....	" "	A bead embroidered Cushion.
401..	S. C. Talbot,.....	" "	A model Steam Engine, parallel motion, without crank.
402..	J. Stark,.....	" "	Two Bows and Arrows from Navigators' Islands; a Bow and Arrow tipped with human bone, from Feejee Islands; five War Clubs and three War Club Waddies.
403..	J. R. Wilton,.....	" "	Six Canoe Paddles, a Spear, and a Spike Spear, from S. Sea Islands.
404..	Mrs. Henry Coffey,.....	" "	A miniature Sewing Party of Dolls.
405..	Armand Tesseire,.....	" "	Two oil Paintings.
406..	Mrs. H. C. Beals,.....	" "	A family Picture. (Crayon.)
407..	Samuel F. Baker,.....	" "	Two framed specimens of Wood Engraving.
408..	Charles Nahl,.....	" "	Five oil Paintings; a water color do.; two Indian ink Drawings; four specimens of Engraving on Glass, and a Steel Engraving.
409..	Fred. Ward Eaton,.....	" "	A framed specimen of Writing; a pencil Drawing; an oil Painting; a water color do. (Juv. Dep.)
410..	Mrs. Capt. McDougal,...	<i>Mare Island,</i>	A lady's fancy Scarf.
411..	<i>Withdrawn.</i>		
412..	P. J. Barber,.....	<i>San Francisco,</i>	A patent Clothes Horse.
413..	S. O. Brigham, (Agent),	" "	Eight Grover & Baker's Sewing Machines; a case for same; three cases of specimens of work executed with same.
414..	Mrs. J. M. Sanders,.....	" "	A frame conta'ing Algæ, (Sea Weed,) from the Bay of San Francisco.
415..	Davis & Bowers,.....	" "	A white silk embroidered Vest.
416..	Mrs. Hess,.....	" "	A knit Table Cover.
417..	Benj. Depass,.....	" "	A pencil Drawing. (Juv. Depart.)
418..	F. Walton,.....	" "	A specimen of Writing. Do.
419..	Miss Ellen E. Barnes,...	" "	An embroidered Collar. Do.
420..	Joseph Lindsey,.....	" "	A Chain cut out of Wood. Do.
421..	Victor Hoffman,.....	" "	Six fram'd specimens of Architectural Drawing.
422..	Henry A. Cobb,.....	" "	Two pencil Drawings. (Juv. Dep.)

No.	Names of Depositors.	Residence.	Articles Deposited.
423.	Harrison Eastman,.....	San Francisco,	A water color Drawing; a framed specimen of Wood Engraving; a box of Drawing on wood.
424.	Rebecca Ross,.....	" "	Two oil Paintings, and a water color do. (Juv. Department.)
425.	Miss Anna Ross,.....	" "	An oil Painting, and two water color do. (Juv. Department.)
426.	Drouilhat & Croux,.....	" "	A Billiard Table; a Cue Rack and fourteen Cues.
427.	Odd Fellows' Library,..	" "	Fourteen ancient Curiosities.
428.	Samuel H. Parker,.....	" "	Sixteen ancient Curiosities.
429.	Mrs. J. L. Sandford,....	" "	Five samples of Needle-work and Embroidery, and a vase of Tissue-paper Flowers.
430.	Hutchings & Rosenfield,	" "	Six specimens of Cal'a Publications.
431.	<i>Withdrawn.</i>		
432.	Miss Ellen Owen,.....	Suisun City,...	An Indian ink Drawing; two water color Paintings.
433.	Hucks & Lambert,.....	San Francisco,	Twelve samples patent Axle Grease.
434.	A. J. Frick,.....	" "	A case containing one hundred varieties of Terrestrial Shells.
435.	Dr. Teegarden,.....	Marysville,...	A sack of Corn Meal; a sack of Flour; a box of California grown Tobacco.
436.	O. E. Page,.....	" "	Three Mexican Saddles, Cal'a made.
437.	C. Felberg,.....	San Francisco,	A Bureau with looking-glass; a Side-board.
438.	Thos. Ogg Shaw,.....	" "	Thirty-four samples of Agricultural Implements. [Shaw.]
439.	S. Solomon,.....	" "	A Portrait of Gen. Wool, painted by
440.	Julia Maes,.....	San Jose,....	A frame of Worsted Work.
441.	James Linen,.....	San Francisco,	A miniature Carving in wood, representing Jupiter hurling a thunder-bolt, by an English artist.
442.	Mrs. Judge Pratt,.....	" "	A frame of Moss-work, representing the tomb of a Norwegian king, made from Oregon mosses, by herself.
443.	Miss Forrester,.....	" "	A crayon Painting. (Juv. Dep.)
444.	Marx & Hueter,.....	" "	Samples of Sealing Wax, Varnish, Cement and Bleached Shellac, manufactured here by themselves.
445.	Fred. Horsvill,.....	" "	A crayon Drawing of Bunker Hill Monument. (Juv. Depart.)
446.	A. Hamel,.....	" "	A Fountain of Petrified Moss, from Stanislaus River.
447.	Mrs. Edward Fales,.....	" "	Bottom of Skirt, embroidered at the age of 110 years; Etagere, in leather-work, made by herself, a new invention.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
448.	D. L. Ross & Co.,.....	San Francisco,	Three seamless Coats.
449.	M. E. Hughes,.....	" "	A Billiard Table and a set of Phelan's Cushions.
450.	Lockwood & Hendrie,..	" "	A lot of Gents', Boys' and Children's Clothing.
451.	S. Marion,.....	" "	A topsail Schooner.
452.	J. A. Brown,.....	" "	An architectural Drawing.
453.	Mrs. Williamson,.....	" "	Eight specimens of pencil Drawings, by her pupils.
454.	Mrs. Post & Mrs. Bassett,	" "	Ten bottles California made Tomato Ketchup.
455.	J. A. McClelland,.....	" "	A large Shell.
456.	D. W. Hunt,.....	" "	Two Windmills, California invention.
457.	R. H. Vance,.....	" "	Various Ambrotypes & Photographs.
458.	Wm. V. Osborn,.....	" "	A hair Bridle.
459.	Chittenden & Culverwell,	" "	A wood Door.
460.	Peter Job,.....	" "	A case of Confectionery.
561.	W. N. Robertson,.....	" "	A model of Steam Frigate.
462.	Frederick Kersmodel...	" "	A case contain'g Brace and seventeen pieces of Cutlery.
463.	John Mitchell,.....	" "	A wash Boiler.
464.	Edward W. Hitchings,..	" "	A small Map of Nicaragua. (Juv.Dep.)
465.	Miss Emma Ludlum,....	" "	An Ottoman Cover, painted on velvet.
466.	Miss Julia Ludlum,....	" "	An Ottoman Cover, painted on velvet.
467.	Southworth & Co.,.....	" "	Six Ploughs and a Cultivator.
468.	J. C. Ayres,.....	" "	A case of Bells, Locks, Hydraulic Pipes, etc.
469.	Theodore A. Mudge,....	" "	A pattern of double-acting Sash Fastener.
470.	<i>Withdrawn.</i>		
471.	R. Schoyer,.....	" "	Three ancient oil Paintings.
472.	C. W. Brooks,.....	" "	Two oil Paintings, representing Bombardment of Canton.
473.	Whitton, Towne & Co.,..	" "	Specimens of Book-printing, in a case.
474.	Bogart & Bros.,.....	" "	A case contain'g a double-barrel Gun, California made; a Fishing-rod, and a double-barrel Gun, imported.
475.	L. Warren,.....	" "	A blue and white woven Coverlet.
476.	Henry Holmes,.....	" "	A specimen of Paper for transferring Leaves, Embroideries, etc.; specimens of Ambrotype Lettering on Glass and Tin, instantaneous.
477.	<i>Withdrawn.</i>		
478.	F. A. Buttman,.....	" "	An oil Painting.
479.	Miss Lizzie Hunt,.....	" "	A framed Wreath of Flowers, worsted-work.
480.	Chas. Jacks,.....	" "	A small oil Painting on board. (Juv. Department.)

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
481..	Mrs. Irwin,	<i>San Francisco,</i>	A case contain'g Ladies' & Children's Clothes, Dress Caps, etc.
482..	Jones, Wool & Sutherland,	" "	Seven framed Pictures.
483..	A. Flohr & E. Wendell, ..	" "	A double-barrel Gun, Califor'a made, and invented by selves.
484..	Anna C. Faber,	" "	Two crochet Lamp Mats. (Juv. Dep.)
485..	Thos. Young,	" "	Three fur Capes; two pairs of fur Cuffs, and two Skins.
486..	D. Howard,	<i>Alameda Co.,</i>	Specimens of Coal from Alameda Co.
487..	Goddard & Co.,	<i>San Francisco,</i>	A Quartz-mill Screen.
488..	Silas Selleck,	" "	Fifteen Ambrotypes, thirteen plain Photographs, & three do. painted.
489..	C. F. Robbins,	" "	A lot of Ames' patent Hand Stamps, and a lot of Ruggles' patent.
490..	Miss Theresa Lee,	<i>Fruit Vale,</i>	A crochet Chair Cover.
491..	Plummer & Caprice, ..	<i>San Francisco,</i>	A case containing model of Ship "Trade Wind."
492..	Anson Overill,	" "	Two samples of Smoked Beef.
493..	Covert, Moore & Co., ...	" "	Model House Roofing; two samples on tin and two on wood. Invented East and manufactured here.
494..	J. F. Corliss,	" "	Tubular and improved Arch Bridge, invented by self.
495..	Mrs. L. Whittingham, ...	" "	An embroidered Piano Forte Cover.
496..	Willey, Dean & Co.,	<i>Marysville,</i>	Three Pine Boards.
497..	H. Gallagher,	<i>San Francisco,</i>	Four Sugar-pine Barrels; a California beer Half Barrel.
498..	Jacob Haehler,	" "	Three framed Advertising Cards; a box of gilt Mouldings.
499..	Miss M. E. Gushee,	" "	An oil Painting; a water color do.
500..	John Hudson,	" "	A Pump, invented by self.
501..	Capt. Devoe,	" "	A brass model Steam Engine.
502..	Dr. J. B. Beers,	" "	A case of specimens of Dentistry.
503..	J. P. Carrigan,	" "	A Gyroscope.
504..	Sterrett & Butler,	" "	Six framed specimens of Engraving on wood.
505..	C. Howlett, (Agent), ...	" "	Two Uhlinger's Sewing Machines.
506..	W. Erzgraber,	" "	Twelve bottles of California Pickles
507..	J. Ross,	" "	An Indian Canoe; two Carved Heads and a Cooking Basket.
508..	Benjamin Curtez,	" "	A Piano and Stool.
509..	Vulcan Iron Works,	" "	A double Hydraulic Pump.
510..	Barton & Co.,	" "	A case of California Salt.
511..	Mrs. Ewald,	" "	An oil Painting.
512..	Wm. R. McKee,	" "	A steel Engraving.
513..	E. C. Harford,	" "	A carved stone Image, from Queen Charlotte's Island.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
514..	A. Chate,.....	San Francisco,	A glass jar of preserved Peaches, in syrup.
515..	Mrs. Augusta Steinert,..	" "	An embroidered Letter-box Case ; a frame of worsted worked Trees, and a case of wax Flowers ; also, a frame worsted work Picture.
516..	A. Fay,.....	" "	A Table and Desk.
517..	Henry M. Tice,.....	" "	A crochet-work Tidy.
518..	E. K. Jenner,.....	" "	An universal Chuck for Lathe, California made, new design.
519..	A. B. Nutting,.....	" "	A framed Drawing of seven-shooting Revolving Rifle.
520..	Miss Arabella Smith,...	" "	Three pieces Worsted work.
521..	Col. A. J. Grayson,.....	" "	A case of stuffed Birds.
522..	Dr. Ober,.....	" "	Volcanic repeating Rifle and Pistol, patented 1854.
523..	Stephen Parks,.....	" "	Patent cut-off Valve, invented by self.
524..	H. A. Cobb,.....	" "	A case of Shells.
525..	Pupils of Mr. Chittenden, S. Francisco College,.	" "	Forty-three Paintings and Drawings.
526..	Alexander Dehé,.....	" "	Two carved ivory Bracelets.
527..	Mrs. Harriet Corbett,...	" "	An embroidered Skirt.
528..	Wm. Schmolz,.....	" "	A case of Mathematical Instruments, California made.
529..	H. Burgess,.....	" "	Two painted Photographs.
530..	Miss S. A. Ludlow,.....	" "	Two pieces Worsted work.
531..	T. A. Levison,.....	Sacramento,...	Two framed specimens of Penmanship, in colored inks.
532..	Miss Grondona,.....	San Francisco,	A large Doll, magnificently dressed.
533..	T. H. Hatch & Co.,.....	" "	A show case containing samples of California made Butter.
534..	Mrs. Mary H. Grimes,...	" "	A pr. of Gent's worsted work Slippers.
535..	Miss O. C. Bailey,.....	" "	A water color Painting.
536..	Miss Cora A. Bailey,...	" "	A water color Painting.
537..	G. B. Larrabee,.....	" "	A stuffed Terrier Dog.
538..	J. Q. A. Warren,.....	" "	A Rotary and Force Pump.
539..	Wm. F. Walton & Co.,...	" "	A keg of Halibut and a sack of do.
540..	Mrs. Day,.....	" "	A framed copy of Hesperian newspaper, on satin.
541..	Miss Clara Day,.....	" "	A frame of pressed Flowers.
542..	Mrs. A. C. Wakeman,...	" "	A Drawing represent'g 5 steamships.
543..	Miss Reynolds,.....	" "	A worsted-worked Map of England and Wales, executed 80 years ago.
544..	Mrs. Agard,.....	" "	A knit Anti-Macassar.
545..	Louis Bellemere,.....	" "	Four architectural Drawings.
546..	Mrs. Meloon,.....	" "	Two Indian Baskets ; a Shoe worn by a lady in the Revolution ; a framed Painting of a California Flower.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
547..	C. Peebles,.....	<i>San Francisco,</i>	A Ham and can of Lard.
548..	J. P. Dyer,.....	" "	Five boxes Soap.
549..	M. McNulty,.....	" "	A Paying Ladle, Cala. invention.
550..	Miss Julia T. Donovan, .	" "	Two pairs worsted-work Slippers.
551..	Collins & Co.,.....	" "	Seven Mattresses ; a rich satin damask Bed Spread ; also, in show case, two pairs Pillows and Slips ; one set Wright's Patent Bed Springs ; seven pairs Blankets.
552..	W. P. Miller,.....	<i>Marysville, ...</i>	A model of Traction Locomotive, or Steam Wagon.
553..	Treadwell & Co.,.....	<i>San Francisco,</i>	A case Shovels : four Plows ; a Seed Sower ; a Horse Hoe ; a Cultivator ; an Ox Yoke.
554..	George Hudson,.....	" "	A Powder Horn, made during the French colonial war, 1758.
555..	B. Brooks,.....	" "	A Dress of " Nutka " Indian ; a Pipe of " Nutka " Indian.
556..	Miss Kate Dennis,.....	" "	Two water color Paintings.
557..	Mich. Heveran,.....	" "	A Sun Dial, made of Freestone.
558..	Mrs. E. Wright,.....	" "	A piece Worsted-work : a piece Embroidered Raised Work.
559..	J. H. Webster,.....	" "	A case Shells and Whittlings.
560..	Miss Brohaska,.....	<i>San Jose,....</i>	An embroidered Sofa Cushion.
561..	John Davis,.....	<i>San Francisco,</i>	A case California made Erasive and Shaving Soaps.
562..	E. T. Steen,.....	" "	A Morticing Machine, California invention. (John Heraudner, inventor.)
563..	Mrs. Torrence,.....	" "	A painted Photograph.
564..	F. C. M. Fenn,.....	" "	A frame of Samples, Visiting and Wedding Cards.
565..	Mrs. Blandy,.....	" "	A sample Designing for embroidery.
566..	F. Cone,.....	" "	An improved Revolving Blanket for Quartz Machinery ; a Pulverizer ; a Machine for Feeding Quicksilver.
567..	Mrs. H. G. Avery,.....	" "	A patchwork Quilt, containing 2475 pieces, made by herself.
568..	William Ware,.....	" "	A Steam Engine and Pump, Boiler and Fixtures.
569..	R. B. Fordham,.....	" "	An oil Painting.
570..	Mrs. Davison,.....	" "	Two Crayon Drawings.
571..	A. Slathour,.....	" "	Four pieces Inlaid Cabinet-work.
572..	Meuli & Schulthess,....	" "	A Fancy Box containing samples and Maccaroni and Vermicelli.
573..	Mrs. M. H. Parker,.....	" "	A crape embroid'd satin Pin Cushion.
574..	J. H. Swain,.....	" "	A case containing samples of Boots, California made.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
575..	John Fitzpatrick,.....	<i>San Francisco,</i>	A leather Traveling Trunk ; a Valise.
576..	Miss Harriet E. Wood,..	" "	A water color Painting.
577..	Miss Sparks,.....	" "	A worsted-worked Ottoman.
578..	A. M. Eells,.....	" "	A Buggy.
579..	W. W. Montague,.....	" "	Model of Portable Fence, invented East.
580..	Fay & Willis,.....	" "	Specimen of Suisun Marble Stalactite.
581..	F. Grob,.....	" "	Specimens of pen Drawing.
582..	R. B. Turner,.....	" "	A framed worsted-worked Picture. (Juv. Dep.)
583..	J. A. Lafontaine,.....	" "	Two Advertising Cards and a specimen of Printing.
584..	S. H. Williams,.....	" "	An Architectural Drawing.
585..	Bessie Hallowell,.....	" "	Pencil Map of the British Isles. (Juv. Department.)
586..	Mrs. Fred. Buel,.....	" "	A piece of worsted Knitted-work.
587..	Luedke & Hamel,.....	" "	A Clock manufactured of California gold and silver ; a watchmaker's Machine for rounding Cog-wheels. Newly invented by selves.
588..	Brannan & Dunnigan,..	" "	Five pairs of Horse-shoes.
589..	Mrs. Irwin,.....	<i>Petaluma,....</i>	A fancy patchwork Bed Spread.
590..	Mrs. Moffatt,.....	" "	A fancy patchwork Bed Spread.
591..	Joseph G. Argenti,.....	<i>San Francisco,</i>	Basket of Flowers carved in Marble.
592..	Mrs. H. M. White,.....	" "	A case containing crotchet-flowered Lamp Mat.
593..	Eli Lafler,.....	" "	A hair Bridle.
594..	Henry John,.....	<i>Sacramento,...</i>	A Sad Iron.
595..	Thos. C. Hambly,.....	<i>San Francisco,</i>	A Painting of "Bridal Falls," Yosemite Valley ; oil Painting of two Pilgrims, imported.
596..	Judge Tracy,.....	" "	Three oil Paintings.
597..	Tubbs & Co.,.....	" "	Six coils Manilla Rope ; one coil California Hemp Rope.
598..	W. B. Farwell,.....	" "	A barrel Sandwich Island Sugar.
599..	Ernest Schmidt,.....	" "	Small paste-board model of Cottage. (Juv. Dep.)
600..	Mrs. Geo. Parker,.....	" "	An embroidered satin Pin Cushion.
601..	Edward Nunan,.....	" "	A Hat Block and Curling Board, made by self, here.
602..	Miss J. A. Reynolds,....	<i>Santa Clara,...</i>	A needle-work Skirt. (Juv. Dep.)
603..	Easton Brothers,.....	<i>San Francisco,</i>	A rosewood Sewing Machine Case.
604..	Ellen Cushing,.....	" "	A framed crochet Worsted-work, representing the Abdication of Mary, Queen of Scots. Done in the convent of San Jose.
605..	P. Leisenfelt,.....	" "	A Billiard Table.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
606..	Dr. Reynolds,.....	<i>Santa Clara,</i>	A Soda Fountain.
607..	Peter Donahue,.....	<i>San Francisco,</i>	A Pumping Engine; an improved Quartz Mill; a Bradford's Gold Separator; a cast-iron Pipe; a cast-iron Pulley.
608..	Victor Coppe,.....	" "	An antique Arm-chair; a Newell Post; a Billiard Table Leg; a Table Leg.
609..	Louisa Geiger,.....	" "	A fancy Work Basket, and a worsted Parlor Bell Strap.
610..	Joseph Benny,.....	" "	Nine Sea Shells.
611..	Emma Moore Dennis,...	" "	A water color Painting.
612..	A. P. Phipps,.....	" "	Five handled Picks.
613..	P. R. Johnson,.....	" "	An inside Venetian Blind.
614..	J. S. Harbison,.....	" "	A Bee-hive.
615..	Pacific Mills,.....	" "	Two quarter sacks of Flour.
616..	E. B. Benny,.....	" "	A Quartz Mill; a model of do.
617..	Gilchrist & Ross,.....	" "	A fancy bound Ledger.
618..	Pacific Guano Co.,.....	" "	Two samples of Guano, from Johnson's Island.
619..	Miss Susan L. Teegarden,	" "	A loaf of domestic Bread.
620..	<i>Withdrawn.</i>		
621..	<i>Withdrawn.</i>		
622..	John Moore,....	" "	A Portrait in oil.
623..	J. F. Baylis & Co.,.....	<i>Petaluma,</i>	A very large specimen of Petrified Wood.
624..	James Burnett,.....	<i>San Francisco,</i>	A frame containing thirteen pieces of Continental Paper Currency.
625..	Hubert Burgess,.....	" "	A framed specimen of water color and one of pencil Drawing.
626..	Miss Fanny A. Calef,...	" "	A silk Patchwork Cushion, contain'g over 500 pieces.
627..	Charles Debrod,.....	" "	A miniature Tank for storing Wine.
628..	R. Merrill,.....	" "	A Piece of Coral in case.
629..	Thos. S. Officer,.....	" "	A Photograph in oil.
630..	Wm. Martin,.....	" "	Four pots of Plants, consisting of a white and a red Hollyhock, double, a Scotch Hawthorne, and a Scotch Broom.
631..	Peter Attick,.....	" "	Two Miners' Picks.
632..	Mrs. Balderain,.....	" "	Three embroidered Chemises.
633..	Colgan & O'Kane,.....	" "	A set of Cal'a made Buggy Harness.
634..	G. F. Mallett,.....	" "	A patent Churn, made here. Invented East.
635..	M. W. Noble & Co.,....	<i>Oregon,</i>	Sample of Golden Egg Plums.
636..	Mrs. S. G. Gardner,....	<i>San Francisco,</i>	A Toilet Cushion; a Lamp Mat, worsted.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
637.	Mrs. Susan G. Crowell, ..	<i>San Francisco,</i>	A worsted Screen.
638.	James R. Lowe,	" "	Specimens of Landscape Gardening, exhibiting orchard, grounds and residence of Col. C. Youngar, San Jose.
639.	A. A. Buckley,	" "	A lot of Glassware.
640.	Edward H. Hooper,	" "	A crayon Drawing. (Juv. Dep.)
641.	Mrs. Henry S. Brown, ..	" "	A piece pastel Embroidery.
642.	Barton & Co.,	" "	A case samples Fine Salt; a box Coarse Salt.
643.	Goddard, Hanscom & Rankin,	" "	Nine pieces Castings.
644.	John Bender,	" "	A Piano, with improvements of California invention.
645.	John P. Brodie,	" "	A vase shell-work Flowers.
646.	Mrs. Jas. Bowman,	" "	A Skirt and two Pillow Cases; two pieces Lace-work made by the South American Indians.
647.	G. F. Mallett,	" "	"Tambling's" Improved Washing Machine.
648.	Strong & Taylor,	" "	A Harvester made in California.
649.	Mrs. F. Warner,	<i>Oakland,</i>	A knit Bed Spread.
650.	H. M. Bernard,	<i>Sacramento,</i>	A light Trotting Sulky, 70 lbs.
651.	T. C. Churchman,	" "	A Washing Machine and Model.
652.	Thos. H. Selby & Co., ..	<i>San Francisco,</i>	A case Brass Ware.
653.	Sebastian Liguori,	" "	A model of Schooner.
654.	Gaspard Bros.,	<i>Campo Seco,</i> ..	Two Laurel Roots.
655.	Bond & Hale, (Agents), ..	<i>San Francisco,</i>	A case Samples, S. F. Sugar Refinery.
656.	William Free,	" "	Suction Hose Pipe.
657.	Mrs. Hall,	" "	Box containing Mice made of apples.
658.	Turner Cowen,	" "	A model of Hydraulic Flour Packer.
659.	Messrs. Bray & Bro.,	" "	A Cheese.
660.	Henry J. Wolgamuth, ..	" "	A Bust of Gen. Sutter, made of Volcano marble, Amador county.
661.	Dr. Boyle,	<i>Sacramento,</i> ..	A case containing four specimens of Dentistry.
662.	James Devoe,	<i>San Francisco,</i>	A Vertical High-pressure Steam Engine, made here.
663.	D. Van Pelt,	" "	A Wind-mill Pattern.
664.	S. H. Rounds,	" "	A Drawing of Cala. Clipper Bridge.
665.	Mr. Burrows,	" "	Two oil Paintings.
666.	Mrs. T. W. Hooper,	<i>Benicia,</i>	Two Pine Cone Frames.
667.	C. A. Calhoun,	<i>San Francisco,</i>	Twelve fancy Illuminated Signs.
668.	C. Storm,	" "	A Lithograph of San Francisco, 1849.
669.	John M. Aekley,	" "	A water color Drawing.
670.	Miss L. H. Chadbourne, ..	" "	A framed specimen of Penmanship.
671.	L. P. Fisher,	" "	Bound samples of the California Press.

<i>No.</i>	<i>Names of Depositors.</i>	<i>Residence.</i>	<i>Articles Deposited.</i>
673.	E. M. Larcher & Co.,...	Stockton,.....	A box Chemical Oil Soaps.
674.	Barrett & Sherwood,...	San Francisco,	A Chronometer Clock.
675.	D. W. Van Court,.....	" "	Five empty Casks, made here.
676.	Chas. M. Plum,.....	" "	A Curtain, a Rug, two Mosaic Rugs, a Mosaic Cushion.
677.	Chas. Sumner,.....	" "	A case cont'g Stenographic Reports.
678.	Miss Catharine Down, ..	" "	Three crayon Drawings.
679.	J. B. Bannerman,	" "	Three cases specimens of Cards, Seals, Door-plates and Embossed Card Engravings.
680.	Wm. Rollins,.....	" "	A model of Self-supporting Roof, in- vented here.
681.	E. G. Winne,.....	Napa,.....	Four California made Brooms.
682.	Mrs. John Warwick,....	San Francisco,	A Coat-of-Arms from the English throne.

REPORTS

OF THE JUDGES

UPON THE VARIOUS ARTICLES PRESENTED AT THE SECOND EXHIBITION OF THE MECHANICS' INSTITUTE OF THE CITY OF SAN FRANCISCO, COMMENCED ON THE FIRST, AND TERMINATED ON THE TWENTY-THIRD DAY OF SEPTEMBER, 1858; WITH THEIR CLASSIFICATION, THE NAMES OF THE JUDGES APPOINTED, AND THE AWARDS REPORTED.

CLASS I.

AGRICULTURAL IMPLEMENTS.

Judges:

T. W. OSBORNE,
T. L. BURTIS, L. A. GOULD,
O. M. CHILDS.

A gratifying increase on last year's Exhibition was manifest in this department, both in the number and in the variety of the implements exhibited, as well as in the improvements on machines previously brought to public notice.

236. HENRY HEWITT & Co., *San Francisco*. Exhibited one of Willard's Seed Sowers and Harrows, combined. An excellent implement, made in our State, and by California mechanics; an even distribution and covering of the seed is accomplished at one operation; it is adapted for grain as well as for grass seeds, and may be used for the distribution of Guano, Lime, etc. The Rotary Harrows are in themselves an excellent improvement. The castings and workmanship of this machine reflect great credit to the exhibitors. This valuable implement is awarded
A Silver Medal.

438. THOS. OGG SHAW, *San Francisco*. Had on exhibition a copious selection of the most useful implements adapted to agricultural pursuits, among which were noticed—

A Manny's Patent Combined Reaper and Mower, with the latest improvements.

A Smith's Patent Gang Plow, which is the best gang plow yet offered to California farmers; it is guaged by easily moving brakes, and the down pressure is, as far as possible, remedied; an important item in soils that glaze over, under the plow.

Two Fanning Mills, better than any imported, and in which is noticed an improvement in the sieves and gearing.

Churns, convenient, simple and effective.

Self-acting Cheese Presses, of good workmanship and well adapted for general use.

Right and left hand cast-steel deep Tiller Plows. Unsurpassed in excellence of material and in finish.

A Steel Breaking Plow, substantial and indispensable on our heavy lands.

The Side Hill Plow, Shovel Plow, Scotch Harrow, Potato Digger and Nursery Cultivator exhibited, are each models of their kind.

The Steel Picks and Mill Picks are noticed for their strength and superiority.

The samples of Agricultural Castings are good, and a decided improvement on articles of this kind previously offered in this State to farmers.

A Skeleton Clod Crusher and Roller, intended for the pulverizing of all soils; covers some five and a half feet, weighs about one ton; the roller consists of twenty cylinders on an iron axis. A creditable implement of California production.

The above nineteen articles from the manufactory of T. O. Shaw, are all excellent in quality, and will compare favorably with the best imported, and in the majority of cases are decidedly superior. Being the best exhibition of Agricultural tools and implements, they are awarded
A Silver Medal.

648. STRONG & TAYLOR, *San Francisco*. Exhibited a Harvester, Reaper and Thresher combined, intended to be drawn by ten horses; a strong and compact machine. The one exhibited had been in actual use, and was accompanied by certificates from farmers whose fields had been harvested by it. As far as could be judged without a practical demonstration of its powers, it appeared a serviceable implement, de-

serving the earnest attention of California agriculturists, and destined to greatly reduce the expenses now attending the labors of the harvest.
Awarded *A Silver Medal.*

467. SOUTHWORTH & Co., *San Francisco.* Peoria Steel Plows, One horse Plows, Deep Tilling Steel Tooth Cultivator, of great excellence. All imported. *A Certificate of Merit.*

4. T. D. ARTHUR & Co., *San Francisco.* A variety of imported tools, among which: a Barley Mill, Spades, Hay and Grain Forks, Oval Tooth Cultivator, Corn Sheller; all good. An Orchard Cultivator, of superior excellence of pattern. *A Certificate of Merit.*

553. TREADWELL & Co., *San Francisco.* An Oval Cultivator, Ox Yoke, Garden Seed Sower, Steel Plows, Eagle Cast Plows; a case of assorted Spades, Shovels, etc. A Horse Hoe, strong and well finished. All imported. Entered too late for competition.

86. JOHN H. VOORHEES, *San Francisco.* A model of Seymour & Morgan's Reaper, made by Ward, Brokan & Child, Ohio.

112. JOHN BURNS, *San Francisco.* A Friction Churn.

634. G. F. MALLETT, *San Francisco.* A Patent Churn, made here, of Eastern invention.

CLASS II.

STEAM ENGINES, STEAM GUAGES, FIRE ENGINES, &c.

Judges:

A. W. VON SCHMIDT,	
R. C. MATHEWSON,	T. W. LEWIS,
T. H. VON SCHMIDT,	A. M. COVER.

This interesting branch of the fair was well filled, and the mechanical talent of our State was worthily represented by the number and excellence of the articles displayed.

662. JAS. DEVOE & Co., *San Francisco.* Exhibited the Vertical High Pressure Steam Engine, which was used to drive the machinery

in the fair; it is compact, well made, and of good finish in all its parts. It was designed and manufactured in this city by the exhibitors, and is awarded
A Silver Medal.

Also, a small Universal Chuck for Lathes; well made and simple in its construction. California invention.
A Bronze Medal.

401. S. C. TALBOT, *San Francisco*. A small model of a High Pressure Steam Engine, very ingenious, but not new; works without a crank, made in California. As Mr. Talbot knew nothing of the prior invention, he is entitled to credit for his ingenuity, and is awarded
A Diploma.

607. PETER DONAHUE, *San Francisco*. A Steam Pump, imported, the invention of C. & G. M. Woodward, and patented by them. It is simple, compact, durable and portable; can be used to great advantage in steamships or in mines. It is superior in many respects to the well known Worthington Pump.
A Certificate of Merit.

Also, a Cast Iron Pipe, finely cast, and a Cast Iron Pulley.

383. HENRY WILLIS, *San Francisco*. Exhibited a Patent Variable Cut-off, invented by C. H. Reynolds; ingenious in construction and simple in application, regulates the speed of the engine through the agency of the Governor, and cuts off the steam at any desired point of the stroke. An improvement of great merit, and well deserving of
A Certificate of Merit.

43. WETHERED & TIFFANY, *San Francisco*. Drawing of Wethered's Super Heating Steam Furnace, as applied to the Collins steamship "Atlantic." The inventor claims to save fifty per cent. of the fuel. The steam, after leaving the boiler, passes through heated pipes, and thus receives an increase of expansive power. Invented in the Eastern States.
A Certificate of Merit.

283. C. F. MARWEDEL, *San Francisco*. A case of Steam Guages, manufactured by himself, and of excellent workmanship.

Two Foot Lathes, neat and well executed. Imported.

A Certificate of Merit.

34. T. & J. GARRATT, *San Francisco*. A Brass Steam Whistle, made at their works, well finished, sounds clear and distinct.

52. WILLIAM WARE, *San Francisco*. A large Turning Lathe, imported, of good workmanship.

89. C. KNUS, *San Francisco*. A Slide Rest for Foot Lathe, well finished.

93. VINCENT BROWN, *San Francisco*. Drawing of a Globular Boiler.

501. CAPT. JAS. DEVOE, *San Francisco*. A model of a Low Pressure Steam Engine, beautifully finished.

291. CHAS. E. JAY, *San Francisco*. A High Pressure Steam Engine. Imported.

379. WM. L. HANDY, *San Francisco*. A Fire and Steam Regulator, his own invention.

518. E. K. JENNER, *San Francisco*. A Universal Chuck for Lathe, California made, and on a new design.

523. STEPHEN PARKS, *San Francisco*. A Model of a Patent Cut-off Valve, invented by himself.

552. W. P. MILLER, *Marysville*. A model of a Traction Locomotive or Steam Wagon.

568. WILLIAM WARE, *San Francisco*. A Steam Engine and Pump, Boiler and fixtures.

658. TURNER COWEN, *San Francisco*. A Model of a Hydraulic Flour Packer.

CLASS III.

MINING TOOLS AND QUARTZ MACHINERY.

Judges :

SAMUEL PURDY,

WM. WATT,

W. P. JONES,

WM. MALTMAN,

R. H. SINTON,

What there was lacking in number of articles exhibited in this class, was more than fully made up by their practical value ; and those on exhibition warranted the hope that this, the foundation and main prop of our State's prosperity, would henceforth receive a due share of attention and study from our own mechanics.

282. W. H. HOWLAND, *San Francisco*. Exhibited a Rotary Battery of six Stamps, the great merit of which is its compactness, simplicity of construction, and durability. It is awarded

A Diploma.

616. E. B. BONNEY, *San Francisco*. Also had on exhibition a Quartz Battery of four Stamps, with compressed air attachment, which gives great rapidity to the action of the Stamps. *A Bronze Medal.*

170 & 398. H. P. RUSS, *San Francisco*. A Spiral Amalgamator, a new invention. Much admired from its decided character of novelty, simplicity and originality. The inventor has here deserted the usual channel of mechanical art, and without the aid of mechanical power has obtained the results he was seeking, by a close imitation of natural operations. The shape of the plates, their indentations and inverted countersunk cones, partially filled with quicksilver, induce a whirling motion as well as a succession of counter-currents and eddies, compelling a direct precipitation of the finest particles of the precious metal. Also, a plan of a Quartz Mill, designed by himself.

A Silver Medal.

566. F. CONE, *San Francisco*. A Pulverizer, the process of which is simple and requires little power. It performs its work most effectually.

A Silver Medal.

190. JESSE S. BLYDENBURGH, *San Francisco*. Bradford's Metallic Ore Separator. Effectually accomplishes the separation of the metal from the sand. It is self-feeding and discharging.

A Silver Medal.

73. THOS. R. STODDART, *Pine Grove*. Revolving Riffle, for sluice mining. An ingenious invention. Awarded *A Diploma.*

487 & 643. GODDARD, HANSCOM & RANKIN, *San Francisco*. Improved Quartz-mill Screens. Also, Iron Castings.

204. E. T. KING, *San Francisco*. Model of a Pulverizer and Amalgamator, on a new principle.

215. CAPT. SMITH CRAM, *San Francisco*. Model of a Quartz Crusher.

369. E. A. TAYLOR, (Agent), *San Francisco*. Weaver's Dröss Riffle, for saving fine gold. Also, a Quicksilver Amalgamator, invented by Weaver.

CLASS IV.

PRINTING PRESSES AND MATERIALS, AND HAND STAMPS.

Judges :

FRANK EASTMAN,
FRANCIS BLAKE, GEORGE AMERIGE.

It is to be regretted that a better display was not made in this department.

208. S. P. TAYLOR, *San Francisco*. Printing Paper. A fair specimen; the product of the first and only Paper Mill in California—the Pioneer Mills in Marin county. *A Special Premium.*

489. C. F. ROBBINS, *San Francisco*. Patent Flexible Hand Stamps, imported; useful and convenient articles, producing clear impressions.

264. H. W. WALKER, *San Francisco*. Elliott's Patent Hand Stamps, worthy of notice and well adapted to the purpose they are intended for. Imported.

CLASS V.

CARPENTERS' AND STAIR BUILDERS' WORK, &c.

Judges :

C. L. TAYLOR,
H. L. KING, WM. H. EASTMAN.

459. CHITTENDEN & CULVERWELL, *San Francisco*. P Panel Door, with diamond side lights and blinds for the same; manufactured of California Sugar Pine; the only specimen of Sash Door or Blind exhibited. *A Special Premium.*

216. HYDE & HOUGHTON, *Vallejo*. Patent self-adjusting Post Driver, patented in 1858; one upon wheels and one upon runners; made to be adjusted to the unevenness of the ground by a sliding and swinging pendulum. A practical and useful implement as a labor-saving machine, and well deserving *A Special Premium.*

562. E. T. STEEN, *San Francisco*. A Model of a Morticing Machine, invented by John Heeraudner, of El Dorado Co.; intended to execute its work by cutting the mortice with the teeth of an endless chain.
A Special Premium.

608. VICTOR COPPE, *San Francisco*. A Newel Post; a Billiard and a Table Leg, turned of Central American Rosewood; also, a Corinthian Capital, Brackets and Ornamental Panel, well done.
A Special Premium.

494. J. F. CORLISS, *San Francisco*. Model of improved Bridge of tubular iron, in the use of which strength is combined with lightness.
A Special Premium.

496. WILLEY, DEAN & Co., *Marysville*. Three Sugar Pine Planks, from Clipper Mills, Butte County; average width over four feet; clear and well sawed.
A Special Premium.

247. C. W. & G. W. ARMES, *San Francisco*. Two Broom Machines, combining all the improvements of several kinds of machines, and originated in California; loosens the wire by the action of the operator's foot, leaving his hands free, thereby insuring neater work and greater speed. Any size brooms can be sewed any number of times by an improvement in the Sewing Press Clamps, to which teeth have also been added, securing great facility in sewing and uniformity in the distance of the stitches. These machines were successfully worked during the fair.
A Special Premium.

614. J. S. HARBINSON, *Sacramento*. A Bee-hive, of his own invention, admitting of easy extraction of the surplus honey without injury to the bees, and of the removal, by sections, of portions of the original swarms, creating new colonies without the risk of loss as by the usual process; admirably adapted to the purposes intended, and awarded
A Special Premium.

579. W. W. MONTAGUE, *San Francisco*. Model of Portable Fence, practical and desirable for temporary purposes, being easily moved and replaced.

664. S. H. ROUNDS, *San Francisco*. Drawing of California Clipper Bridge.

680. WILLIAM ROLLINS, *San Francisco*. Model of Self-supporting Roof, his own invention.

CLASS VI.

CABINET WORK AND BILLIARD TABLES.

Judges :

JOHN WIGMORE,
 JONATHAN GUTHRIE, G. H. AMES,
 J. P. FORBES, E. WILLIAMS,
 GREGOR SCHMIDT.

This department was richly represented by numerous and handsome specimens, giving evidence, at the same time, of the public taste, and of the complete ability of our own manufacturers to supply all the requirements of the same, and to keep pace with the increase of refinement in this particular.

142. MARTIN BACH, *San Francisco*. A Billiard Table, of California manufacture, of rich black walnut, of superior style and finish, having slate bed, and cushions of his own manufacture; worthy of the notice of persons interested. Awarded *A Diploma*.

426. DROUILHAT & Co., *San Francisco*. A Billiard Table, California manufacture, of rosewood, elegant design and finish. The bed is of black walnut, and of excellent workmanship.
A Bronze Medal.

Also, a case of Cues, of their own manufacture. *A Diploma*.

605. P. LIESENFELDT, *San Francisco*. A Billiard Table, of his own manufacture, elegant in design, not so perfect in polish as the above. The bed is of Asphaltum. For the cabinet work on this table, is awarded *A Certificate of Merit*.

449. M. E. HUGHES, *San Francisco*. A Billiard Table, of handsome style, inlaid work, New York manufacture; the bed is of slate, the cushions are of Phelan's patent, and manufactured here; they are superior to any on exhibition. The cushions and pockets are awarded *A Diploma*.

262. G. O. WHITNEY, *San Francisco*. Exhibited a set of Furniture, consisting of eight pieces, manufactured by himself, and forming a handsome parlor set. The finish and design are beautiful, the work durable and of the best description, equal to the best imported

articles; the upholstery cannot be surpassed. The wood is black walnut, the coverings rich brocatelle. Well deserving *A Diploma.*

437. C. FELBERG, *San Francisco.* A Bureau and Sideboard, California manufacture; good and plain work.

A Certificate of Merit.

31. SMITH & MOFFIT, *San Francisco.* An Office Sitting Desk, manufactured here. The wood is very handsome cedar, nicely polished.

A Special Premium.

571. A. SLATHOUR, *Marysville.* Three Ladies' Toilet Boxes, and Stands for the same. Inlaid work, consisting of various woods, pearl and ivory; exceedingly beautiful, and worthy of *A Diploma.*

447. MRS. EDWARD FALES, *San Francisco.* An Etagere, partly of leather work, handsomely designed, and of California manufacture.

A Diploma.

516. A. FAY, *San Francisco.* A Table and Desk, imported, of superior style and work, all inlaid. *A Special Premium.*

608. VICTOR COPPE, *San Francisco.* An Arm Chair, of antique design, made from Central American rosewood.

412. P. J. BARBER, *San Francisco.* A Patent Clothes Horse, the idea of which is excellent. *A Special Premium.*

47. J. W. BACON, *San Francisco.* A Cabinet Work Bench, with improved head vice.

156. JOHN WIGMORE, *San Francisco.* A Silver-plated Show Case, the first ever manufactured in California; style and finish, beautiful. *A Bronze Medal.*

64. Also, a Sewing Machine Cabinet, of mahogany, for Wheeler & Wilson's machine, with improved style of doors and fastenings. Beautiful in finish and workmanship, and superior to any exhibited.

A Diploma.

64. Also, a Sewing Machine Cabinet, of black walnut, manufactured for Wheeler & Wilson's machine; same style and finish as the above.

A Bronze Medal.

413. S. O. BRIGHAM, *San Francisco*. Exhibited a Sewing Machine Cabinet, manufactured for Grover & Baker's machine, of very good style and finish.
A Certificate of Merit.

212. O. FULLER, *San Francisco*. A Marble Table and a Sofa.

603. EASTON BROTHERS, *San Francisco*. A Rosewood Sewing Machine Case.

CLASS VII.

STONE AND BRICK WORK AND MATERIALS.

Judges :

HENRY WEBB,

JAMES BALLENTINE,

JOHN GRANT,

W. P. C. STEBBINS,

FRANK WILLIAMS.

168. THOMAS ROBINSON, *Alameda*. A block of hard Freestone. Excellent for massive buildings.

178. HENRY TICE & BRO., *San Francisco*. Samples of Pressed Bricks, made in this city; the only article of the kind on exhibition. It is to be regretted they are not in more general use, as they present a handsome appearance, and would be much more durable than the present style of plastered and imitation fronts. The Bricks exhibited were laid in a pier, the workmanship of which was much admired.

A Special Premium.

335. P. J. CHEVALIER, *San Francisco*. Samples of Bricks made of elastic clay. Well adapted for such works as forts and bulkheads.

130. SAMUEL ADAMS, *San Francisco*. A barrel of Santa Cruz Lime. The best on exhibition.
A Diploma.

166. GRAVES & WILLIAMS, *San Francisco*. Two barrels of Santa Cruz Lime. But little inferior to the above.

A Bronze Medal.

CLASS VIII.

MUSICAL INSTRUMENTS.

Judges:

JOHN H. SAUNDERS,
 RUDOLPH HEROLD, L. M. FISHER,
 CHARLES KOPPITZ, E. L. GOULD,

But a small display was made here, and but few first class instruments presented. The exhibition in this branch was, however, in no wise inferior to that of last year, and both give good assurance that proper encouragement will before long bring forth and call into play the talents of many of our own artisans in this interesting manufacture.

167. SALVATOR ROSA, *San Francisco*. A case Musical Instruments. Among which were noticed a good Guitar, of plain finish, three D Flutes, of good quality and finish, etc.

A Special Premium.

237. A. KOHLER, *San Francisco*. A case Musical Instruments. A Guitar, of beautiful finish and excellent tone, four D Flutes, a Clarionet, a Piccola, etc. Sheet-Music, composed and published in California.

A Special Premium.

171. JOSEPH BURR THOMAS, *San Francisco*. A California made Banjo, of exquisite mechanical execution and admirable tone. Well deserving

A Diploma.

202. RASCHE & SONS, *San Francisco*. A Piano. Imported.

329. WOODWORTH & Co., *San Francisco*. A Piano. Manufactured by Stoddart & Co., of New York. A good instrument.

A Special Premium.

508. BENJ. CURTEZ, *San Francisco*. A Piano and Stool. Manufactured in Boston.

644. JOHN BENDER, *San Francisco*. A Double Piano. Made and invented by himself. An ingenious idea. The one exhibited was wanting in volume of tone and evenness of action. The invention deserves

A Diploma.

CLASS IX.

CARRIAGES AND LIGHT WAGONS.

Judges:

P. HUNT,

WILLIAM PORTER,

H. A. GEORGE,

ORRICK JOHNSON,

B. F. FISH,

WILLIAM WHITE.

No Branch of California manufacture represented in the exhibition, bore more strongly the impress of progress and improvement than that coming under this class; all the vehicles were California made, and presented most gratifying evidences of skill, taste and neatness, as well as of ingenuity and mechanical ability.

— H. CASEBOLT & Co., *San Francisco*. A Close Carriage, a Top Buggy, a Rockaway and an Open Buggy; all good, well designed, well constructed and proportioned. Awarded *A Special Premium*.

268. GEORGE P. KIMBALL & Co., *San Francisco*. A Top Concord Wagon, best style, manufactured by them.
A Special Premium.

385. W. P. MILLER, *Stockton*. A Road Sulky.
A Special Premium.

650. H. M. BERNARD, *Sacramento*. A Trotting Sulky, weighing seventy pounds, constructed by him. *A Special Premium*.

272. NATHANIEL GRAY, *San Francisco*. A Hearse, manufactured for him at his Coffin Warerooms, by his foreman, Mr. Taskington, who has therein shown most creditable mechanical ability.
A Special Premium.

— KELSEY & Co., *San Francisco*. An imported Childs Wagon, very pretty and appropriate.

578. A. M. EELLS, *San Francisco*. A Buggy.

CLASS X.

LEATHER, MOROCCO AND BELTING.

Judges :

OTIS V. SAWYER,
H. A. NASH, ANSON G. STILES.

The judges, with just cause, expressed their surprise and regret that a more active competition was not made, considering the number of tanneries in the State, and the great importance which this branch of domestic industry is assuming, both in capital engaged, and men employed.

81. The ENCINAL TANNERY alone exhibited specimens of their products, and made a fine display of Leather, such as Harness, Skirting, Bridle and Sole Leather; also, two kinds of Sheep Skins, tanned in Sumac and Oak Bark. It would be difficult to surpass these, either in quality or the character of the work. Awarded
A Special Premium.

CLASS XI.

PICTURE FRAMES, GILDING, STUCCO WORK, &c.

Judges :

JOHN MIDDLETON,
J. S. POLACK, R. WERTHEMAN.

327 & 482. JONES, WOOL & SUTHERLAND, *San Francisco*. Exhibited several specimens of richly ornamented Gilt Picture Frames, well deserving
A Special Premium.

88. Mrs. JOHN SMITH, *San Francisco*. Three Picture Frames, ornamented with leather in imitation of carving; very neatly executed.
A Diploma.

79. Mrs. MOODY, *San Francisco*. Three Leather Ornamented Frames, and two cases of Coral Work.
A Bronze Medal.

105. Mrs. FRENCH, *San Francisco*. Three Picture Frames and two Brackets. *A Certificate of Merit.*

203. Mrs. G. A. McKOUN, *San Francisco*. A beautifully ornamented Book Rack, finished in good taste; the best specimen of ornamental leather work exhibited. *A Diploma.*

233. Mrs. J. A. COLLINS, *San Francisco*. An Etagere of leather work, tasteful and neat. *A Bronze Medal.*

394. WM. F. KELLETTE, *San Francisco*. A beautifully wrought Centre Piece for a Ceiling, and a section of massive Cornice Moulding, both of Plaster of Paris. *A Special Premium.*

498. JACOB HAEHLER, *San Francisco*. A box of Gilt Mouldings for Picture Frames, in great variety of patterns and styles. Imported from Boston.

162. Mrs. WM. H. HYDE, *San Francisco*. A frame of Leather Work.

182. Miss MARY SCALES, *San Francisco*. Two Picture Frames, with ornamental leather work.

353. Mrs. M. HILL, *San Francisco*. Ornamental Leather Frames.

666. Mrs. T. W. HOOPER, *Benicia*. Two Pine Cone Frames.

CLASS XII.

BOOTS, SHOES, TRUNKS, SADDLERY, HARNESS, &c.

Judges:

JAMES B. ROBERTS,
H. A. NASH, W. H. BAXTER,
JOHN PFEIFFER.

376. MAIN & WINCHESTER, *San Francisco*. Made a magnificent display of articles of California manufacture, viz.:—a Ladies' Side Saddle, beautifully stamped, fine quilted buck seat, and elegantly finished; a black Mexican Saddle, silver plated, with blue velvet carona, elaborately embroidered with silver; Ranger and California

Mochillo Saddles, displaying great taste and skill; Bitting Harness, Stallions' Bridle and Muzzle, Ladies' and Gentlemen's Riding Bridles, fine Silver-plated Buggy Harness, and an elegant Kersey Suit; all of Messrs. M. & W.'s own manufacture, and exhibiting a high degree of perfection. *A Diploma.*

250. FERNANDO CARLOS, *San Francisco*. Exhibited a number of Californian and Mexican Saddles, embroidered with gold and silver; Mexican and California Bridles and Spurs, inlaid and trimmed with rosettes of solid silver and gold. A very finely plaited Hair Bridle, the best exhibited. All the above of California manufacture. Also, a beautiful display of imported Mexican Goods. *A Bronze Medal.*

458. W. J. OSBORNE, *San Francisco*. A Hair Bridle, beautifully plaited and neatly finished. *A Certificate of Merit.*

436. O. E. PAGE, *Marysville*. Three beautiful California Saddle Trees, the style and finish of which evinced great skill. *A Diploma.*

15. C. BERN, *Santa Cruz*. Two Saddle Trees, California made, and very good. *A Bronze Medal.*

258. LESTER & GIBBS, *San Francisco*. A case of Gentlemen and Ladies' Boots and Gaiters, of fine quality, imported. *A Certificate of Merit.*

286. HOLCOMBE & BRO., *San Francisco*. A case of Gentlemen, Ladies' and Children's Boots, Shoes and Gaiters, of fine quality, imported.

574. J. H. SWAIN, *San Francisco*. A pair of Gentlemen's Patent Leather Riding Boots, of very superior workmanship; the best made pair of boots exhibited. California manufacture. (Entered too late for competition.)

575. JOHN FITZPATRICK, *San Francisco*. A very superior Valise and Trunk, of California manufacture. These articles are well made, and deserve *A Diploma.*

656. WM. FREE, *San Francisco*. A length of Suction Hose, made for the Pennsylvania Engine Co. A good piece of work, and the only specimen of hose exhibited. *A Special Premium.*

257. WM. LINDSAY, *San Francisco*. A Head Stall and Reins.

593. ELI LAFLER, *San Francisco*. A Hair Bridle.

633. COLGAN & O'KANE, *San Francisco*. A set of California made Buggy Harness.

CLASS XIII.

PAINTING AND GRAINING.

Judges:

J. P. BUCKLEY,
J. W. CHERRY, JAS. MOULTON,
H. G. BLOOMER.

13. J. WRIGHT, *Vallejo*. Six specimens of Graining, in gilt frames, exhibiting a degree of perfection rarely met with in the same workman, being all of different woods. Also, four specimens of Marble.
A Special Premium.

243. JOSEPH LEE, *San Francisco*. A Tin Sign, the lettering and gilding of which are exceedingly neat and clean, and very graceful in design. A large Sign, for T. K. Pryor's Emporium, well designed; the effect might have been improved by shading. *A Diploma.*

Also, for the ornamental work on T. K. Pryor's Sign,
A Bronze Medal.

297. F. NUTZ, *San Francisco*. A large Ornamental Sign; the ends and centre designs are well finished, and for the ornamental part of the sign, he is awarded *A Diploma.*

Also, for the neat and clean Lettering on the same Sign, he deserves *A Bronze Medal.*

126. J. H. BOCAP, *San Francisco*. A Fancy Sign. A very good attempt for a beginner.

— H. CASEBOLT, *San Francisco*. Specimen of Carriage Painting, on Pennsylvania Engine, No. 12. The painting and gilding are worthy of especial mention. The border around the panels is done with great precision and beauty, as well as the striping of the body and wheels.
A Diploma.

CLASS XIV.

HATS, CAPS, CLOTHING, ETC.

Judges:

P. B. COMINS,

F. M. BENNER, PHILLIP CASE,

ANDREW JACKSON, WM. MARTIN.

Although the number of articles exhibited in this class was not quite so large as last year, yet the selection was good and very creditable to the exhibitors.

248. WALTER & TOMPKINS, *San Francisco*. Two Coats, two Vests, and two pairs Pants. The coats are of superior workmanship and form. The vests and pants are well made. For the coats is awarded

A Diploma.

For the vest and pants

A Bronze Medal.

296. EILERMAN & Co., *Marysville*. A Dress Coat. Well cut, and of fair workmanship.

A Bronze Medal.

Also, a Vest and a pair of Pants. Very well cut and of superior make.

A Diploma.

415. DAVIS & BOWERS, *San Francisco*. A Silk Vest. Elaborately stitched.

A Certificate of Merit.

448. D. L. ROSS & Co., *San Francisco*. A lot of Seamless Coats, of superior quality. Imported.

450. LOCKWOOD & HENDRIE, *San Francisco*. A variety of Boys' Clothing, of different styles and beautifully got up. Imported.

A Special Premium.

331. J. B. LEGAY, *San Francisco*. A case of Silk Hats. Their superior workmanship and uniformity of finish entitle them to

A Diploma.

299. O. H. BOYD & Co., *San Francisco*. A case of Silk Hats. Of various styles and creditable workmanship.

A Bronze Medal.

356. J. HARTMAN, *San Francisco*. A case of Furs and Fur Hats. The furs were well dressed and prepared for manufacturing,

and the hats, made by the depositor, are very good and the only ones of the kind exhibited. *A Diploma.*

Also, some Silk Hats. Very fair. *A Certificate of Merit.*

485. THOMAS YOUNG, *San Francisco*. A case of Furs, from the Hudson Bay Co. Dressed and manufactured by himself into Capes, Cuffs, etc., for ladies, and deserving *A Certificate of Merit.*

26. Mrs. C. LANG, *San Francisco*. A lot of Boys' Caps, of good quality and neat styles. *A Certificate of Merit.*

— — — — —. Two ivory mounted Manzanita Canes, of excellent workmanship.

152. JAS. W. GRIPE, *San Francisco*. A Cane containing 250 pieces of Manzanita wood. An ingenious piece of work. *A Certificate of Merit.*

601. EDWARD NUNAN, *San Francisco*. A Hat Block and Curling Board. Made here, and very well executed. *A Special Premium.*

74. FISHER & Co., *San Francisco*. A Furnace for Hatters' and Tailors' use. Invented by the exhibitors, and by which they claim a great saving of fuel may be effected. *A Special Premium.*

CLASS XV.

UPHOLSTERY, CARPETS, RUGS, ETC.

Judges:

GEO. O. WHITNEY,

W. T. STRINGER,

J. V. McELWEE.

The exhibition in this department was very limited, — no two articles of the same kind being deposited.

269. C. SASSENBURG & C. DALL, *San Francisco*. Decorative Paper Hangings, made at their factory at Taylorville, Marin county. This first attempt to manufacture this article in our State, is worthy of encouragement. Those exhibited came fully up to the foreign manufacture. *A Diploma.*

551. COLLINS & Co., Pacific Bedding Store, *San Francisco*. Two Spring Mattresses, five Matresses of Hair, Wool, Pulu, and Moss; Bedding Material and Blankets; also, one set Patent Bed-Springs, imported. *A Special Premium.*

308. EHRENPFORT & VOLBERG, *San Francisco*. A case of Upholstery and Fixtures; two Foot Stools, very neatly made. *A Special Premium.*

613. P. R. JOHNSON, *San Francisco*. Venetian Blinds. Very well made. *A Special Premium.*

293. CHAS. SHERMAN, *San Francisco*. Brocatelle Arm Chair. Fairly done. *A Special Premium.*

164. KENNEDY & BELL, *San Francisco*. Twelve Hearth Rugs. Very handsome. Imported. *A Special Premium.*

676. CHAS. M. PLUM, *San Francisco*. A Curtain, a Rug, two Mosaic Rugs, and a Mosaic Cushion.

CLASS XVI.

MODELS OF SHIPS, BLOCKS, SAILS, &c.

Judges:

M. R. ROBERTS,

J. B. LEONARD,

JAS. RINGOT,

THOS. W. MCCOLLIAM,

J. C. HANSON.

A great variety of interesting and useful articles were exhibited in this department; it was particularly rich in models of ships, some of which were remarkable for the taste and skill with which they were executed, and others for the application of improvements of California invention, that they were made to illustrate.

71. Capt. GEO. SIMPTON, *San Francisco*. A very neat and tasty model of a Clipper Ship, in which the exhibitor has represented several improvements he lays claim to, such as a new mode of leading the chain from the bow over a "cat head" or davit, as a substitute for

hawse pipes; also, the dispensing with a bowsprit. These improvements would require practical demonstration in order to test fairly their advantages.

A Diploma.

491. PLUMMER & CAPPRICE, *San Francisco*. A model of the Clipper Ship "Trade Wind," in a glass case; beautifully done, the rigging being more than ordinarily neat and correct in its proportions.

A Bronze Medal.

221. Master J. W. GALLOWAY, *San Francisco*. A model of a Ship; the hull is better proportioned than is usual in such miniature vessels. The rigging is neat, but not very elaborate.

315. E. W. WILLETT, *San Francisco*. A model of the Hull and Spars of a Ship; fair, and tolerably well proportioned.

451. S. MARION, *San Francisco*. A model of a Baltimore Topsail Schooner, showing a suit of sails of excellent workmanship; a very neat specimen of its kind.

256. Master EDWIN FOSTER, *San Francisco*. A model of a Schooner, planked in every respect similarly to the largest class of vessels; the planks being fastened with trenails, and otherwise exhibiting good workmanship.

71. Capt. GEO. SIMPTON, *San Francisco*. A neat little Fore-Topsail Schooner, without canvass.

A Certificate of Merit.

461. W. N. ROBERTSON, *San Francisco*. A model of a Steam Frigate, fully mounted with a brass armament, of neat execution.

11. D. C. M. GOODSSELL, *San Francisco*. Model of a Passenger and Freight Propeller; the lines are carefully drawn, and with good taste. Also, a model of a Centre-board Schooner, combining great capacity for freight with a fair amount of speed; suitable for ocean, bay or river navigation. Also, a fairly executed model of a Sloop.

358. W. F. ALLEN, *San Francisco*. Two models of Centre-board Schooners, designed for ocean or bay navigation, with great capacity for freight; a desirable class of vessels. Also, two models of Sloops.

653. SEBASTIAN LEGUORI, *San Francisco*. Two models of Schooners; very good vessels for heavy work.

65. JOHN DALY, *San Francisco*. Two Yacht models, well proportioned, and promising a reasonable amount of speed. The lines are clearly laid down and easily understood.

181. J. L. BLAIKIE, *San Francisco*. A Steamboat model, with guard and rail; of great beauty of form and excellent workmanship.

11. D. C. M. GOODSSELL, *San Francisco*. A Steamboat model, of similar merit to the above, but not equal in extent.

100. Capt. J. WHITNEY, Jr., *San Francisco*. Three models of Steamers, designed for river navigation; good representation of that class of steamers.

— A LAD OF FOURTEEN YEARS. A miniature Cutter Yacht, worthy of notice.

399. JAS. C. DEAN, *San Francisco*. Exhibited a Jury Rudder, invented by Capt. J. B. Lawton, of ship Warren, in the winter of '50 – 51; admirably adapted to relieve a similar exigency.

200. C. RILEY, *San Francisco*. A case of Composition or Copper Thimbles; an excellent sample of California manufacture. Also, a Gaff Topsail, in which the canvass is cut in a peculiar manner, all the seams verging to the outhaul or sheet cringle, thereby adding strength at a very important point; well adapted for yacht and pilot-boat use. Also, two light Sails, of superior workmanship.

A Special Premium.

597. TUBBS & Co., *San Francisco*. Five coils of Manilla Rope, of California manufacture, showing a superior mastery of the art of rope making; deserving of particular notice and of the highest commendation.

Also, a Coil wholly of California origin, material and manufacture, with a sample of the hemp used in its manufacture; an excellent article, promising to rival soon the best made ropes in the world.

A Special Premium.

549. MICHAEL McNULTY, *San Francisco*. A Paying Ladle, of California invention.

A Special Premium.

276. J. MOULTON & Co., *San Francisco*. Blocks and Mast-heads, all of domestic manufacture; the timber used in them all being grown on the Pacific coast.

A Special Premium.

44. E. DUDGEON, *San Francisco*. Four Hydraulic Jacks, invented and made by R. Dudgeon, of New York; of simple and effective construction. *A Special Premium.*

— Lieut. JOHN M. BROOKE, U. S. N., ———. Exhibited his very simple, efficient and ingenious invention for obtaining deep sea soundings, worthy of the greatest admiration and praise. His invention for immediately detaching a boat when lowered at sea, is another evidence of that gentleman's ingenuity, and is well calculated to attain the object desired.

CLASS XVII.

COOPERAGE.

Judges:

O. W. EASTON,

WILLIAM GUNN,

ALEX. COFFIN,

T. LANDRY,

M. MCINTYRE.

122. GEO. L. WOENZEL, *San Francisco*. One large and two small Casks, well made. *A Diploma.*

111. C. N. STELLING, *San Francisco*. Five oak Liquor Kegs; a series in sizes, of superior workmanship. *A Bronze Medal.*

124. J. E. KNOWLES, *San Francisco*. Three Syrup Kegs, staves of Santa Cruz fir, heads of redwood, bound with hazel and iron hoops; of excellent execution. *A Certificate of Merit.*

125. A. P. KNOWLES, *San Francisco*. A Sugar Half Barrel, of fair workmanship.

127. THOS. P. AUSTIN, *San Francisco*. Two Kegs; fair work.

145. S. L. BOLEY, *San Francisco*. A Sugar Half Barrel.

380. J. B. HERRMAN, *San Francisco*. Three Liquor Kegs.

497. H. GALLAGHER, *San Francisco*. Four Sugar Pine Barrels, and a Beer Half Barrel; very good work.

23. B. D. HERR, *San Francisco*. Two Kegs and two Barrels, made by machinery out of this State; of fine workmanship. The flat hooped barrel, with ash and beach staves, is finely made, and shows great perfection.

675. A. W. VAN COURT, *San Francisco*. Five Barrels, Half Barrels and Kegs, of California manufacture. (Entered too late for competition.)

CLASS XVIII.

MATHEMATICAL INSTRUMENTS.

Judges :

GEO. R. TURNER,

EDWARD A. BREED.

The instruments on exhibition are not so numerous or of so varied a nature as those of last year; nevertheless, they give a favorable impression of the perfection attained in this branch of domestic manufacture.

528. WM. SCHMOLZ, *San Francisco*. A case containing various Surveying Instruments, of California manufacture, viz. :—

A large size Leveling Instrument, suitable for railroad work, with good glasses, and finely finished.

A miniature Level, of excellent finish.

A Surveying Compass, of convenient size.

An Hygrometer, well made and richly finished.

Five Surveyors' Chains, a Clinometer, and a Levelling Target.

A Measuring Rod, graduated in chains and links, intended to dispense with actual measurements for ascertaining distances on a level surface; a new application of a principle previously known.

These instruments are all well made, and reflect much credit on the manufacturer.

A Diploma.

— THOS. TENNENT, *San Francisco*. A case containing the following Instruments, viz. :—

A Mining Reflector, for lighting and ventilating tunnels and shafts; a beautiful specimen of workmanship, well adapted to the purpose intended.
A Silver Medal.

A Leveling Instrument, twelve-inch telescope, with good glasses, expressly made by Mr. Tennent, for use in mountainous districts; the fall and socket joint renders it admirably adapted for locating ditch works on side hills, where it would be almost impossible to use the ordinary style of level. The workmanship is fully equal to that in the best instruments of Eastern manufacture; the design, proportion, security of adjustment, etc., are excellent.

Three Binnacle Compasses, all brass; two of a suitable size for ships, and one intended for use of boats on the bay in foggy weather; well made, and good samples of a new branch of domestic manufacture.

A Camera Lucida, finely finished, and an excellent instrument.

For these instruments, all of California manufacture, is awarded
A Diploma.

The following Imported articles were also exhibited by Mr. Tennent, and are of the best quality, to wit :—

A Tube Level, bronzed; the tube without glasses, having a small eye aperture at one end, and a quadrated brass diaphragm at the other; a useful implement in the mines.

A Solar Compass, for use in localities abounding in iron.

A Mining Compass, with sights and ball joint; very convenient and useful.

An Aneroid Barometer, for measuring heights.

Marine Night Glasses, Spy Glasses, Drawing Instruments, Protracting Scales, Pocket Spy Glasses, Pocket Compasses, etc.

283. C. F. MARWEDEL, *San Francisco*. A case of Imported Goods, such as Microscopes, Drawing Instruments, Marine Glasses, Spectacles, etc. These articles are well made, and present a fair appearance.

503. J. P. CARRIGAN, *San Francisco*. A Gyroscope.

CLASS XIX.

GUNS, PISTOLS, ETC.

Judges :

JOHN ROACH,

JOHN P. CORRIGAN, JNO. E. ADDISON.

38. J. C. E. KLEPZIG & Co., *San Francisco*. Three Rifles, manufactured by themselves. One of which is a very handsome, increased twist, globe-sighted rifle ; another is a fine hunting rifle, with minnie ball, as also the third. These were tested by experienced marksmen, and proved to be of superior merit, excellent workmanship, and fine finish. Messrs. J. C. E. K. & Co. also exhibited a pair of Derringer Pistols, of their own manufacture, equal in style and finish to any imported, for which they deserve great credit, in thus giving another instance of the progress of California manufactures.

A Special Premium.

474. BOGART & Co., *San Francisco*. Exhibited two Shot Guns, made here, by Mr. Robert Liddel, fully equal to imported ones in design and execution, and not to be excelled for effective use in the hands of the sportsman. Also, an elegant silver mounted Fishing Rod, which is greatly admired for its symmetry and neat finish — imported. Also, a Double Barrel Gun, imported.

A Special Premium.

522. Dr. OBER, *San Francisco*. A Volcanic Repeating Rifle, and a Pistol of the same style. Ingenious, but rather too complicated for general use.

483. A. FLOHR & E. WENDELL, *San Francisco*. A newly invented Double Barrel Shot Gun, loading with prepared cartridges, having neither locks, hammers, or cones, in the usual way, all being concealed. It is claimed by the inventors to be waterproof.

A Special Premium.

246. T. R. STODDART & J. H. BROWN, *San Francisco*. A model of Sectional Mountain Ordnance, representing a field-piece in four or more sections. Each section being cut with a screw, male and female, can easily be put together or taken apart, thereby offering great facili-

ties for transportation in mountainous or swampy districts. By taking away the breech-section, the rest of the piece is rendered useless to an enemy, avoiding the necessity of spiking. It is doubtful that these claims be new, and that a heavy piece of ordnance would be strong and durable if so constructed. *A Special Premium.*

519. A. B. NUTTING, *San Francisco*. Drawing of Screw-shooting Revolving Rifle.

CLASS XX.

WILLOW-WARE, BRUSHES AND BROOMS.

Judges:

E. P. SEYMOUR,
JOSEPH F. ATWILL, JOSEPH OTTIGNON.

50. WILLIAM THURNAUER, *San Francisco*. A case of various Fancy Baskets; 38 pieces Willow-ware, all imported, but of superior quality.

249. Also, Fancy Willow-ware Carriages and Perambulators, for children; also, Bird Cages. These are of California make, and deserve favorable notice and encouragement. Awarded
A Special Premium.

99. NEWMAN BROS., *San Francisco*. Two Brushes, and a case containing Brushes, some made in California, and some imported. Worthy of encouragement. *A Special Premium.*

247. C. W. & G. W. ARMES, *San Francisco*. Eleven California made Brooms, and samples of Broom Corn. The brooms are of excellent quality, and the whole made an interesting display. Awarded
A Special Premium.

681. E. G. WINNE, *Napa*. Four California made Brooms. Well made.

CLASS XXI.

DENTAL AND SURGICAL INSTRUMENTS.

Judges :

DR. H. H. TOLAND,
DR. B. A. SHELDON, DR. A. J. BOWIE.

462. FREDERICK KESMODEL, *San Francisco*. A case of Surgical Instruments, such as Scalpels, Spinal Supporters, Bone Forceps, etc., etc.; all manufactured by himself, and highly creditable; they are as well modeled and as finely finished as the best imported, and worthy of
A Special Premium.

346. JAS. & JOHN McCONNELL, fifteen and thirteen years old, *San Francisco*. A case containing Trusses, a Knife Blade, Chisel, etc. Well made, and exhibiting considerable mechanical skill. As an incentive to future exertion, they are rewarded with
A Certificate of Merit.

502. Dr. BEERS, *San Francisco*. An entire upper set of Artificial Teeth, on gold; could not be excelled, and deserving
A Diploma.

Also, a full set of Cheoplastic work, which is beautiful, but the composition of the plates cannot be recommended, as, in the opinion of the judges, base metals are unfit for dental plates.

661. Dr. BOYLE, *Sacramento*. Two full sets of continuous Gum Work, on platina plates; this, for entire sets, is superior to anything yet discovered.
A Diploma.

— Dr. WINTERS, *Marysville*. A full set of Teeth, of continuous gum work, on platina plates, exhibiting great mechanical skill, and awarded
A Special Premium.

CLASS XXII.

ARCHITECTURAL DRAWINGS, PENMANSHIP AND
LITHOGRAPHS.*Judges :*JOHN M. ECKFELDT,
LOUIS A. GARNETT, PAUL TORQUET.

421. VICTOR HOFFMAN, *San Francisco*. A Perspective Drawing of a Musical Hall, very neatly executed, and drawings of two Villas.
A Diploma.

33. JOSEPH BOARDMAN, *San Francisco*. A Shaded Drawing of the base of a column.
A Bronze Medal.

581. T. GROB, *San Francisco*. A Pen Drawing of the Ruins of the Grand Hall of Karnak, beautifully done.

206. J. H. PEIRCE, *San Francisco*. A Deed, with Plot of Fireman's Lot in Lone Mountain Cemetery; very well executed.
A Diploma.

670. Miss L. H. CHADBOURNE, *San Francisco*. A beautiful specimen of Penmanship.
A Special Premium.

307. L. R. TOWNSEND, *San Francisco*. A large display of Architectural Drawings.

298. R. P. A. VELDHUYZEN, *San Francisco*. A frame of nicely written Visiting Cards.

281. J. NAPHTHALY, *San Francisco*. (Juv. Depart.) A framed piece of Writing.

24. W. M. PIERSON, *San Francisco*. A framed specimen of Penmanship, (Declaration of Independence.)

28. Mrs. AMELIA DE YOUNG, *San Francisco*. A specimen of Writing.

418. T. WALTON, *San Francisco*. (Juv. Depart.) A specimen of Writing.

17. BRITTON & Co., *San Francisco*. A framed specimen of Certificate of Merit, lithographed; a most artistic and pleasing production. *A Diploma.*

305. AUGUSTUS ELLIOTT, *San Francisco*. A Machine Drawing.

452. J. A. BROWN, *San Francisco*. An Architectural Drawing.

531. T. A. LEVISON, *Sacramento*. Two framed specimens of Penmanship, in colored inks.

545. LOUIS BELLEMERE, *San Francisco*. Four Architectural Drawings.

584. S. H. WILLIAMS, *San Francisco*. An Architectural Drawing, in good taste, and from a practised hand.

668. C. STORM, *San Francisco*. Lithograph of San Francisco in 1849.

677. CHAS. A. SUMNER, *San Francisco*. A case containing many specimens of well executed Stenographic Reports, remarkable for their neatness and the distinct and accurate form of the characters. *A Special Premium.*

360. M. WASSERMAN, *San Francisco*. A framed specimen of Penmanship, done in eight hours.

CLASS XXIII.

GAS, BURNING FLUIDS, &c.

Judges:

J. H. PURKITT,

A. KELLOGG,

E. N. TORREY,

M. ASHBURY.

The judges of this class have given careful attention to the various articles which have come under their inspection. There were three kinds of lights exhibited claiming to be Gas Lights, viz.:—

Rosin Oil Gas, exhibited by Wethered & Tiffany;

Grease Gas, exhibited by Wm. McLean Dye;

Benzole Gas, exhibited by Hucks & Lambert.

Only the first two can properly come under the head of "Manufactured Gas." The last will be considered under the head of Burning Fluids.

43. WETHERED & TIFFANY, *San Francisco*. Exhibited the Rosin Oil Gas. The patented apparatus by which this gas is produced, purports to be a new mode of lighting private dwellings, churches, hotels, public and private schools, factories, etc., as well as country towns and villages. It is portable and simple, and considered by the judges as a safe and economical machine for generating gas. It is, moreover, ingenious, not easily put out of order, and of easy management by any intelligent person. The light produced is remarkable for its clearness, brilliancy and freedom of smoke, and its illuminating power is quite equal, if not superior, to the best coal gas. There being no meter in the building where the judges examined the working of the apparatus, by which they could ascertain the quantity consumed in a given time, they were unable to submit its illuminating power to photometric tests, but they have no doubt, from their own observation, as well as from the experiments related by Professors Renwick and R. A. Locke, of New York, Professor Frigand, of Canada, Hon. Charles King, President of Columbia College, and others, that if submitted to the aforesaid test, it would be found to exceed in brilliancy any other light in use. According to their experiments, it is free from carbonic acid or sulphureted hydrogen, and is, therefore, perfectly innocuous in respiration, and possesses no tendency to tarnish metals, blacken white paints, or to evolve unpleasant smells. It is a super-carbureted hydrogen, containing double the quantity of carbon usually found in coal gas; its specific gravity is from .900 to .950, whilst that of coal gas ranges from .400 to .450. It is more inflammable than the latter, and yields a flame of great intensity and splendor. Its portability, safety, economy, simplicity, healthfulness and illuminating power, are great recommendations. It is awarded *A Diploma*.

59. WM. MCLEAN DYE, *Marysville*. Had on exhibition the apparatus for making "Grease Gas," which purports to be patented. Inasmuch as no lights were on exhibition, and no person present to give an explanation to the judges, they were left in the *dark* as far as the merits of this *light* are concerned. From such observations as they were able to make, and from the contents of a short circular issued by the patentee, they had to form a judgment as best they could, and regret that the mode of generating gas could not have been seen, nor

its illuminating power tested. It appears to be made from refuse of the kitchen, or from any oil or fatty matter, and the generating apparatus may be heated from the fire used in cooking, either stove or fireplace; the manner in which the gas is purified, and noxious or unpleasant effluvia prevented or obviated, is not explained. *A Bronze Medal.*

10. HUCKS & LAMBERT, *San Francisco*. Benzolized Gas Fluid, and apparatus to generate the same. It is manufactured from the refuse tar of the City Gas Works, and from the native asphaltum so abundant in some parts of our State, from which materials is extracted the Benzole or Liquefied Gas. The proprietors believe, that with proper encouragement for its manufacture, it can be made as much cheaper than coal gas, as it exceeds it in brilliancy; and that it is the cheapest, safest and best lighting medium in this State. It is, however, open, in the opinion of the judges, to several objections: it smokes on a slight disturbance of the atmosphere, and does not seem to burn freely or brilliantly if the surrounding atmosphere is much below sixty or seventy degrees, F., which renders it unsuited for cold, mountain regions, or to high latitudes, where a temperature of forty degrees is common. The judges regret that none of these lights were burning when the photometric tests took place, as they could not ascertain the illuminating power of this fluid. Chimneys, similar to those used on camphene lamps, would, no doubt, improve the appearance of the light, diminish the smoke, and increase its steadiness.

18. R. F. KNOX & Co., *San Francisco*. Camphene and Burning Fluid.

362. COOTEY & GILBERT, *San Francisco*. Camphene and Burning Fluid.

These articles of domestic manufacture, and from the two above named makers, are so equally clear and pure, that, tested merely by the eye, it would be difficult for the most thorough expert to determine, with certainty, any superiority in one over the other. A rigid photometric examination was therefore determined, and the articles from both exhibitors submitted to it. Every precaution was taken in order to conduct it in the most impartial and fairest manner, and the results were as follow:—

The Camphene from Messrs. R. F. Knox & Co., was found to be equal to eighteen and a half candles, when burnt in a lamp of similar size and construction to one in which Messrs. Cootey & Gilbert's Camphene only

gave an illuminating power of eighteen and an eighth candles, and in the opinion of the judges, the difference would have been somewhat greater in favor of Messrs. R. F. K. & Co., had not the lamp in which their Camphene was tested, been slightly defective.

In testing the Burning Fluid, the same degree of care was observed, and the result by the photometre was as follows:—

Messrs. R. F. Knox & Co.'s Fluid was found to equal three and a twentieth candles in intensity, and Messrs. Cootey & Gilbert's Fluid, three and a twenty-fifth candles.

In addition to the above, these articles were submitted to the ordinary test, according to which, Messrs. R. F. Knox & Co.'s Camphene burned with a clearer and brighter flame; the wick was less burned, and exhibited a cleaner and less gummy surface than in the case of Messrs. Cootey & Gilbert's Camphene. The same was also true of Messrs. R. F. Knox & Co.'s Burning Fluid, of which the light was steadier, purer, and less accompanied with smoke, than Messrs. C. & G.'s Fluid, which scintillated considerably.

In view of these facts, Messrs. R. F. Knox & Co. are awarded
A Diploma,
 and Messrs. Cootey & Gilbert, *A Bronze Medal.*

— SWAIN & Co., *San Francisco*. Exhibited Walsh's Patent Gas Burner; (entered too late to compete for a prize). It is constructed on an entirely new and scientific principle, and is represented to save from ten to thirty-five per cent. of gas, according to local circumstances; the advantages of perfect combustion, steadiness of flame, brilliancy of light, and freedom from blowing, are claimed for Walsh's patent reversed-pressure double-chamber burner. Professor Silliman's experiments on the comparative economy of this burner, over others in common use, and in particular over Gleason's burner—hitherto regarded as the best in the United States—seem to be conclusive in favor of Walsh's burner. It is already in extensive use in the Atlantic States, and is now, for the first time, introduced in this city. Its low price, as compared with Waterman's gas regulator, its possession of the good qualities claimed for the latter, and the approbation it has received from many scientific men, must commend it to the attention of all interested.

226. JOSEPH PERKINS, *San Francisco*. Waterman's Patent Gas Regulator, for which the following claims are preferred: A large

per centage saved in the consumption of gas ; a soft, mellow, steady, and uniform light, with increased illuminating power ; a more perfect combustion of the gas ; the power of self-regulation, and the freedom with which the gas passes, its passage not being choked by deposits of tar of refuse liquids in the pipes and fixtures. How far it fulfils these pretensions, the judges are unable to state, but remarked that the one on exhibition sent forth a clear, beautiful, and concentrated light. It is simple in construction, and several of our citizens who use it, speak of it in terms of high commendation. *A Certificate of Merit.*

CLASS XXIV.

FANCY SOAPS, PERFUMERIES, HAIR ORNAMENTS AND FANCY ARTICLES.

Judges:

L. LANSZWEERT,
JAS. H. WIDBER, SAMUEL ADAMS.

87. Mrs. FRANK ADAMS, *San Francisco.* An Ornamented Vase. The ornamental work, designed and executed by Mrs. F. A., is tastefully finished. *A Certificate of Merit.*

237. A. KOHLER, *San Francisco.* A show-case of Fancy Goods. Remarkable for the elegance of the imported articles it contains, evincing much taste in their selection, and well worthy *A Certificate of Merit.*

259. Mr. FISH, *San Francisco.* A stand of three dozen Fish's Hair Restorative. Neatly put up, and undoubtedly a useful article.

389. GEORGE CIPRICO, *San Francisco.* A case containing a variety of Preparations for the Hair. Very favorably known and extensively used, exhibiting much skill and care in their preparation.

561. JOHN DAVIS, *San Francisco.* A case of Soaps. Among which are samples of soap prepared from California Soap Root, — a

very useful article. Also, samples of soap prepared from Chili Bark, used as an erasive for cleaning silk, etc. *A Special Premium.*

CLASS XXV.

SOAP, CANDLES AND OIL.

Judges :

O. P. SUTTON,

WM. ARRINGTON,

CHAS. LAMBERT,

SAMUEL MARX,

WM. H. STOWELL.

18. R. F. KNOX & Co., *San Francisco*. Exhibited a very superior article of Spermaceti, for which is awarded *A Special Premium.*

548. J. P. DYER, *San Francisco*. For the best Brown Soap, *A Special Premium.*

There were on exhibition, samples of Oil from the three following firms, to wit:—

18. R. F. KNOX & Co., *San Francisco* ;

364. STANFORD BROS., *San Francisco* ;

362. GILBERT & COOTEY, *San Francisco*.

The judges, after meeting several times at the Pavilion, deemed it best to make their final examination at the office of Mr. Arrington ; the exhibitors were notified accordingly, and requested to bring their samples to that place. Only Messrs. Knox & Co., and Stanford Bros., brought samples, hence, it is proper to state, that no critical examination was made of the Oils on exhibition by Messrs. Gilbert & Co. It may, however, be justly remarked, that all the oils were of an exceedingly fine quality, and that the exhibitors thereof deserve the highest commendation. The judges have deemed it inexpedient to make any award whatever in regard to the various qualities of oils on exhibition.

673. E. M. LARCHAR & Co., *Stockton*. A box of Chemical Oil Soap, manufactured by themselves.

CLASS XXVI.

SUGAR, SYRUP, VERMICELLI, BUTTER, SALT AND CHEESE.

Judges:

F. G. MERCHANT,

JOHN S. GEDDES,

GEO. S. HASKELL,

T. T. BRADSHAW,

A. L. EDWARDS.

This class was numerously and worthily represented; the judges missed, with regret, at this exhibition, the beautiful samples of Beet Sugar and Syrup, presented last year by Eugene Dellessert, Esq. It is to be hoped that this branch of manufacture, entirely domestic, from the raw material to the finished article, is still flourishing, and that it may be displayed again in the next exhibition.

655. SAN FRANCISCO SUGAR REFINERY. Samples of Sugars and Syrups, in various stages, from the raw article, as imported, until it vies in whiteness with the driven snow. Their various grades of Raw, Crystalized, Crushed and Ground Sugars, presented a pleasing appearance; "further deponent sayeth not," as the case was fastened with a padlock, whereby tasting was out of the question; nevertheless, the judges did not come to the conclusion of the fox with the grapes; they think the Company have arrived at a high state of perfection in producing articles not to be surpassed in older States. Their fine display attracted much attention.

A Special Premium.

598. Dr. R. W. WOOD, *Koloa, Island of Kauai, Sandwich Islands*. Presented a fine sample of Raw Sugar, of a clean, rich color, and pure in flavor; it is quite a credit to the Doctor's enterprise. Deposited by W. B. Farwell.

A Special Premium.

322. BRIGNARDELLO & MACHIAVELLO, *San Francisco*. Samples of Maccaroni and Vermicelli; they still take the lead, and from comparison, their goods are judged to be superior to any imported from Italy; they possess a freshness and beauty of careful finish in making up, unknown to the imported. Their Semouli is a fine preparation, infinitely superior to the article known in the market as Farina.

A Diploma.

231 & 572. SCHULTHESS & MEULI, *San Francisco*. Samples of Maccaroni and Vermicelli. Their productions look well, but there is a difference in the make of them that warrants their being placed second to the above.
A Bronze Medal.

345. ORIENTAL RICE MILLS, *San Francisco*. Samples of Rice, hulled and cleaned by their mills; they are in every way a credit to their skill and enterprise.
A Special Premium.

97. EAST INDIA TEA CO., *San Francisco*. The Coffee presented for competition was fairly tested, and found superior to any on exhibition. It was pure Java, well roasted and ground, without being floury. The elegant display of packed Teas, Coffees, Chocolate, etc., from this establishment, was quite creditable, and an ornament to the exhibition.
A Special Premium.

— G. VENARD, *San Francisco*. A fine display of Coffee, in the grain, both green and roasted. His Spices were the only ones exhibited, and were of the very finest quality.
A Certificate of Merit.

— BURBANK & BUCKLAND, *Petaluma*. Sample of Butter, exhibiting great care in making up; its fine flavor could not be surpassed.
A Diploma.

— Mrs. MICHAEL DAWSON, ——. A fine sample of Butter.
A Bronze Medal.

— D. S. DIXON, *San Rafael*. Samples of fine Butter.
A Certificate of Merit.

659. J. O. MINER, *San Jose*. A sample of Cheese. A delicious article, not easily surpassed.
A Diploma.

— WARD BROTHERS, *Petaluma*. Samples of Cheese.
A Bronze Medal.

— THOS. BOYD, *Clear Lake*. Samples of Cheese.
A Certificate of Merit.

510 & 642. BARTON & Co., Pacific Salt Works, *San Francisco*. Three samples of excellent Salt, viz.: A fine article of Granulated Salt, ground for table and dairy use, made from sea-water by natural evaporation, and called the San Francisco Bay Salt. Also, fine Dairy Salt, from Los Angeles Salt Lake; and lastly, a specimen of pure

crystallized Rock Salt, from the San Quentin salt mines. All of which are of a superior quality, equal to any imported, and as productions of this State, holding great commercial importance, and deserving liberal encouragement. *A Special Premium.*

29. KLERESAHL & Co., *San Francisco*. Fourteen bottles German Mustard.

533. T. H. HATCH, *San Francisco*. A show-case containing samples of California made Butter.

CLASS XXVII.

FLOUR, CORN MEAL, RICE FLOUR, ETC.

Judges :

W. J. PARDEE,

H. P. WAKELEE, N. C. PADDOCK.

The judges have experienced much difficulty in determining the relative merits of the different brands of flour exhibited. Most of the samples are so nearly alike, that the judges can only say that as a whole and a class, the flour is equal to any manufactured in the world, not excepting the celebrated brands of Gallego and Haxall.

273. EATON & BOSTWICK, Vineyard Mills, *San Jose*. The best Flour for good family bread and general use ; high ground, but too strong for pastry. Awarded *A Diploma.*

615. PACIFIC MILL, *San Francisco*. Bakers' Extra Flour. Is a very strong flour, and what the bakers would say *drinks* a great deal of water, and is capital for their use. *A Bronze Medal.*

435. Dr. TEEGARDEN, Buckeye Mills, *Marysville*. A splendid sample of Flour. Good for pastry, crackers, etc., being handsomely ground and of good color. *A Special Premium.*

338. SIERRA NEVADA MILLS, *San Francisco*. This is, also, a fine article for bakers' use and family bread, and well manufactured.

274. CLINTON MILLS, *Clinton*. A capital article for pastry and family use, resembles the famed "Michigan Flour."

273. EASTON & BOSTWICK, *San Francisco*. Flour from select wheat; this sample needs no comment; it is literally ground to death.

373. PIONEER MILLS, *San Francisco*. Samples of Rice Flour, Rye Flour, Cracked Wheat, Hominy, coarse and fine, and Buckwheat Flour, all of which would do credit to any mill in the United States.

A Special Premium.

435. Dr. TEEGARDEN, *Buckeye Mills, Marysville*. Had a beautiful article of Corn Meal on exhibition, and the only one.

197. THOS. DONNOLLY, *San Francisco*. Two boxes and two bottles of Yeast Powders; a most excellent article, highly praised by all who have used it. Manufactured by himself in this city, and equal to, if not better, than any imported.

A Diploma.

CLASS XXVIII.

GINGER WINES, CORDIALS, &c.

Judges:

JOHN P. CORRIGAN,

JAS. S. WETHERED,

CHAS. R. BOND,

JOHN ROACH,

S. R. GERRY.

223. M. S. & B. BROWN, *San Francisco*. Pure Extract of Jamaica Ginger, the best on exhibition.

A Diploma.

227. G. MCFARLAND, *San Francisco*. Extract of Ginger; a fair article.

A Bronze Medal.

302. JOHN A. NEUBERT, *San Francisco*. Eight bottles of Bitters; decidedly the best exhibited.

A Diploma.

67. GOODCHILD & MAY, *San Francisco*. Tonic Bitters, of good quality.

A Bronze Medal.

227. G. MCFARLAND, *San Francisco*. Mc's Tonic Bitters, inferior to the others; also, Extract of Peppermint, a very good article.

A Certificate of Merit.

240. S. E. OAKLEY, *San Francisco*. Samples of Cider.

165. C. WADHAMS, *Sacramento*. Samples of Cream Ale, bottled; an excellent article; the same, in kegs; XXX Porter, bottled and in kegs. *A Special Premium.*

606. Dr. REYNOLDS, *Santa Clara*. A small Portable Soda Fountain, with refrigerator.

101. FRANK DEXTER, *San Francisco*. A patent Syrup, Soda and Mineral Water apparatus.

CLASS XXIX.

CONFECTIONERY.

Judges :

Mrs. WM. HOOPER,
Mrs. RANSOM, Mrs. KIP,
Mrs. McDUGAL, Mrs. McALLISTER.

460. PETER JOB, *San Francisco*. A case of fancy Confectionery. The display made by the exhibitor was deserving of the highest commendation; the infinite variety of Sugar Plums, the exquisite skill with which they are prepared, and their delicate flavor, would entitle them to praise in any city. *A Special Premium.*

372. WM. PEARSON & BRO., *San Francisco*. A case of fine Confectionery; a good display, but not entered for competition.

CLASS XXX.

IRON AND TIN WORK, STOVES, HARDWARE, &c.

Judges :

L. B. BENCHLEY,
JOHN R. SIMS, W. W. MONTAGUE.

5 & 63. WILLIAM HOOPER, *San Francisco*. Two large Composition Bells, of fine tone, manufactured by Messrs. Hooper & Co., Boston. *A Special Premium.*

7. CONROY & O'CONNOR, *San Francisco*. A Cast Steel Bell, manufactured by Naylor, Vicker & Co., England. A new article, of clear and full tone; very desirable, for many purposes, where the expense of composition bells cannot be borne.

21. AUBERLIN & EGGERT, *San Francisco*. An Iron Safe, manufactured by them in this city. A very superior safe, finely finished, and of excellent workmanship; with locks claimed to be powder proof, and, evidently, thief proof; it is altogether worthy of being classed with the best safes of Eastern manufacture, and well deserving

A Diploma.

45. E. FITZGERALD, *San Francisco*. Three Iron Safes, manufactured by S. C. Herring, New York, and worthy of favorable mention.

A Special Premium.

285. JOHN G. ILS, *San Francisco*. Cooking Range and Boilers, manufactured here, by himself. Well adapted for cooking and baking, heating water, etc., etc.; combining great utility with economy.

A Special Premium.

157. GORDON, BROOKS & BACKUS, *San Francisco*. A Stove, Boiler, and a Water Cooler, well fitted for hotel and steamboat use; of fine workmanship, and complete furniture.

A Special Premium.

83. J. DE LA MONTANYA & BROS., *San Francisco*. Two Cooking Stoves, "Bay State" and "Harp," manufactured in Providence, R. I. Well finished, the "Bay State" the longest and most favorably known.

A Special Premium.

119. HUBBARD & Co., *San Francisco*. Two Cooking Stoves, manufactured in the Atlantic States, and of superior finish, called the "Crystal Palace;" useful and economical.

19. H. ANDREWS, *Benicia*. A set of Farrier's Tools, with Horse Shoes of California manufacture; very complete and well made.

A Certificate of Merit.

195. AUGUSTE MASSON, *San Francisco*. Four Miners' Picks, California manufacture; for style, pattern, and durability, they are well adapted to the wants of our mining population.

A Certificate of Merit.

381. F. W. AYERS, *San Francisco*. A finely finished Miners' Pick; well formed, and of desirable pattern.

588. BRANNAN & DUNNINGHAM, *San Francisco*. Five pairs of Horse Shoes; made in San Francisco, by Peter Attich. Well made, and of superior shape and finish. *A Certificate of Merit.*

264. H. W. WALKER, *San Francisco*. A Portable Oven, of galvanized iron. A most convenient and economical article, quite desirable for ships, hotels, etc., and for use in warm climates.

A Special Premium.

140. G. W. BRIGGS, *San Francisco*. The "Mississippi Stove." Well manufactured, by himself, furniture finely finished and complete, uniting convenience and economy of fuel. *A Special Premium.*

277. VULCAN IRON WORK CO., *San Francisco*. Two of Tyler's Patent Water Wheels; one nine inch diameter, imported, and one twenty-four inch diameter, manufactured by themselves. These wheels are well adapted to high or low heads of water, producing great power in a small compass, easily put in running order, and not liable to get out of repair.

A Special Premium.

283. C. F. MARWEDEL, *San Francisco*. A Foot Lathe, manufactured by Stewart, N. Y. Well finished and convenient for light brass or iron work. A case of Steam Gauges, neatly made and accurate, worthy of universal use. Also, a Stereoscope.

A Special Premium.

288. WM. TURKINGTON, *San Francisco*. A small Foot Lathe, worthy of favorable notice.

235. CALVIN NUTTING, *San Francisco*. An Iron Door. Finely designed and substantially made.

A Special Premium.

612. A. P. PHIPPS, *San Francisco*. Five Miners' Picks, with handles, made by Mr. Sullivan, Forrest Hill, Sierra county. Well made, and worthy of the attention of our miners.

A Certificate of Merit.

463. JOHN MITCHELL, *San Francisco*. A Wash Boiler, for boiling clothes and heating water. Economical and convenient.

469. THEO. A. MUDGE, *San Francisco*. Kellogg's Patent Sash Fastener.

176. J. L. VAN BOKKELEN, *San Francisco*. Specimens of Sheet Iron, fire plated with copper, manufactured by himself. A new

invention, which may be of great service and utility in ship building, amalgamating plates, etc., answering the purposes of copper at much less expense. *A Special Premium.*

594. HENRY JOHN, *Sacramento*. A Sad Iron. Of economical and useful construction. *A Special Premium.*

367. MORGAN GALE, *San Francisco*. Card, Tuning Fork, Screw-driver, and Hammer, his own manufacture. Well made and finished. *A Special Premium.*

438. THOS. OGG SHAW, *San Francisco*. Six Mill Picks. His own manufacture. *A Certificate of Merit.*

43. WETHERED & TIFFANY, *San Francisco*. Four Parlor Gas Stoves; two Gas Cooking Stoves; one Gas Flat Iron and Stove. All are very handsome, useful, and cleanly heating apparatus, and very neat in design; also, a Nurse Gas Lamp. All imported.

368. E. J. EWATT, *San Francisco*. A Bell Enunciator.

631. PETER ATTICK, *San Francisco*. Two Miners's Picks, made by himself.

CLASS XXXI.

SPECIMENS OF GOLD, SILVER, AND OTHER METALS AND ORES,
OF COAL, MARBLE AND OTHER MINERALS, AND OF
BIRDS, SHELLS, &c., &c.

But few specimens of the above description were exhibited, and no report was made by the judges appointed in this class. The various articles included under this department, will be found mentioned among those under the head of Miscellaneous, Class XLV.

CLASS XXXII.

PRINTING, BOOKBINDING, STATIONERY, STENCIL CUTTING, &c.

Judges :

JAMES LINEN,
 HORACE H. MOORE, THOS. O. LARKIN,
 JOHN DOYLE.

This department was well represented by numerous creditable specimens, from the various branches of trades included in it. The judges would kindly recommend bookbinders to exhibit, in future, more samples of the various styles adapted for private libraries, rather than to confine themselves to the getting up of single specimens of a magnificent, but extravagant character, which nobody would ever purchase or order. They would, also, suggest a plainer style of binding for counting-room books; a less amount of ornamental gilding would be in better taste.

159. ALEXANDER BUSWELL, *San Francisco*. Blank Book Binding. The book exhibited was elegantly ruled, and the workmanship on the Russia leather, solidly bright and neatly executed. It is a magnificent specimen of the art. *A Diploma.*

314, 321 & 617. GILCHRIST & ROSS, *San Francisco*. Exhibited a Folio Bible, in red Turkey morocco, which reflects great credit upon the skill and ingenuity of the binder. The same firm, also, presented a gorgeous specimen of Blank Book Binding, which, for beauty of execution, in all its details, could hardly be excelled in any of the older States. It was a Ledger, but was not finished in time to be entered for competition. For the Bible, is awarded *A Bronze Medal.*

473. TOWNE & BACON, *San Francisco*. For best Book and Card Printing, *A Diploma.*

667. C. A. CALHOUN, *San Francisco*. Exhibited a variety of splendid samples of Illuminated Printing. *A Diploma.*

564. F. C. M. FENN, *San Francisco*. A variety of chaste and beautiful specimens of Visiting, Wedding, and Funeral Cards, with appropriate borders.

208. S. P. TAYLOR, *San Francisco*. Paper, manufactured at the Pioneer Paper Mill, Taylorville, Marin County, California; its quality clearly shows what can be done in this important branch of business, and all those who feel interested in the growing prosperity of our State, ought to encourage the praiseworthy enterprise. *A Diploma.*

444. CROWELL, CRANE & BRIGHAM, *San Francisco*. Had on exhibition samples of Sealing Wax, Bleached Shellac, Pitch, and Varnish, manufactured by Marx & Heuter, to whom is awarded *A Special Premium.*

300. G. M. WOODS, *San Francisco*. Samples of Stencil Cutting. *A Special Premium.*

430. HUTCHINGS & ROSENFELD, *San Francisco*. Copies of the California Magazine, published by them, bound in morocco; the paper and typography are, alike, creditable to the much esteemed publishers.

540. Mrs. F. H. DAY, *San Francisco*. A copy of the Hesperian, printed on satin. This paper, ably conducted by Mrs. Day, is published semi-monthly, in quarto size, on good paper, and its literary merits are entitled to liberal support. *A Certificate of Merit.*

131. J. V. MIEBES, *San Francisco*. A Copying Machine, for maps, drawings, letters, etc. It is ingenious and correct in its working.

583. A. LAFONTAINE, *San Francisco*. Specimen of Printing, and two Advertising Cards.

54. CHAS. J. TRACY, *San Francisco*. A frame of Visiting Cards.

132. E. MUYGRIDGE, *San Francisco*. A splendid Engraving.

328. H. O. GAYLORD, *San Francisco*. A Portable Letter Copying Press.

330. SAN FRANCISCO BIBLE SOCIETY. Twelve Gilt Bibles, in a case.

355. B. CARSON, *San Francisco*. A frame of specimens of Card Engraving, of very tasteful and excellent execution.

512. W. R. MCKEE, *San Francisco*. A fine steel Engraving.

671. L. P. FISHER, *San Francisco*. Bound samples of the California Press.

CLASS XXXIII.

ENGRAVING, CAMEO CUTTING; GOLD, SILVER, AND PLATED
WARE; CLOCKS, WATCHES, JEWELRY, ETC.

Judges:

WM. HOOPER,
CHAS. PACE, WM. C. LITTLE.

423. HARRISON EASTMAN, *San Francisco*. Several specimens of Wood Engraving. Finely executed. *A Diploma.*

504. W. C. BUTLER, *San Francisco*. Many beautiful specimens of Wood Engraving. *A Bronze Medal.*

679. J. BANNERMAN, *San Francisco*. Card and Seal Engravings. The numerous samples exhibited indicate the favor with which his style of work is received. *A Special Premium.*

294. WM. K. VANDERSLICE, *San Francisco*. A very prettily designed Silver Pitcher. Deserves special notice.

22. ISAIAH EAKINS, *San Francisco*. A set of nine pieces of Silver Plated Ware, imported. Very showy. *A Special Premium.*

30. ISAAC S. JOSEPHI, *San Francisco*. A large Silver Plated Water Cooler. *A Certificate of Merit.*

9 & 239. J. A. SPERRY & Co., *San Francisco*. Contributed the large Town Clock, set up in the Pavilion, for the use of the Fair; well arranged, and adapted for the purpose designed. Their "Telltale Clock," displays great ingenuity in the arrangement of the work.

587. LUEDKE & HAMES, *San Francisco*. An ornamental Clock, of their own manufacture, which, in point of design, and beauty of workmanship, excelled everything of the kind noticed by the judges. In fact, it was considered to be the gem of the exhibition. Its designers and manufacturers deserve the highest compliments.

A Diploma.

The same skillful workmen exhibited a very ingenious and well made machine for rounding the teeth of watch wheels.

— ISAAC S. JOSEPHI, *San Francisco*. A case containing a large assortment of Watch Makers' Tools and Watch Movements, from the most eminent London makers; and a case of Silver and Gold Pens, imported.

337. J. G. STAEDLER, *San Francisco*. A case of Quartz Jewelry; some of the specimens were in good taste, and well made.

324. CLAUDE LONG, *San Francisco*. A case of imported Jewelers' Tools, very complete in its assortment.

255. P. MEZZARA, *San Francisco*. Specimens of Cameo Cutting; the only ones exhibited, evincing the most consummate skill and exquisite taste.
A Special Premium.

117. RANIERI ROCCHICCIOLI, *San Francisco*. Samples of Electrotype work; commendable evidences of his talent in this branch of art.

158. NOISY CARRIERS, *San Francisco*. A few Gold Pens, manufactured in this city; the only ones contributed, of California manufacture. In finish and general appearance, these pens seemed to be equal to the imported ones.
A Special Premium.

674. BARRETT & SHERWOOD, *San Francisco*. A Chronometer Clock, manufactured here; of beautiful workmanship, and highly creditable to them.
A Diploma.

232. E. FRANKLIN, *San Francisco*. A Silver Gilt Chalice Cover, ornamented with jewels; remarkable for its antiquity.

441. JAMES LINEN, *San Francisco*. Carving in Wood, "Jupiter hurling a thunderbolt;" made by an unknown artist, who has, certainly, shown great proficiency in his art.

407. S. F. BAKER, *San Francisco*. Two framed specimens of Wood Engraving.

CLASS XXXIV.

BRASS WORK, PLUMBING, ROOFING, &c.

Judges :

MARTIN J. BURKE,
 REUBEN CLARK, S. J. DERBY,
 JOSEPH S. PAXSON.

The judges expressed their regret at not finding more competitors in this class, under which are embraced different branches of business giving employment to a large number of skillful mechanics. Out of, at least, six well-known brass foundries in this city, there was only one competitor; in plumbing, a business actively pursued by many excellent workmen in this city, no exhibition was made. The judges in this connection, respectfully submit the opinion almost universally held among the mechanics of San Francisco, that, were a portion of the Pavilion exclusively devoted to the exhibition of home manufactures, many more competitors would present themselves.

468. JOHN C. AYERS, *San Francisco*. A case containing a beautiful display of Brass work, among which may be mentioned: a large combination Bank Lock, well finished, and of as good quality and workmanship as any imported; the exhibitor claims it is capable of over a million changes. A number of Brass Ship Locks, Padlocks and Prison Locks, Copper Hydraulic Pipes, for miners' use, Brass Torches, for fire department, a variety of Beer, Steam, and Gauge Cocks, Steam Whistles, Steamboat Gongs and Bell Pulls, etc., etc., all finished as well as the best Eastern work, and, in some instances, such as Gongs and Bell Pulls, better than the generality of imported work. They were all manufactured in this city. *A Diploma.*

652. THOS. H. SELBY & Co., *San Francisco*. A case containing a large assortment of imported Brass work, Copper Pipes, etc., etc. *A Certificate of Merit.*

493. COVERT, MOORE & Co., *San Francisco*. Samples of House Roofing — W. E. Childs & Co.'s Patent. The judges, from personal examination, not only of the specimen exhibited, but also of many

roofs which have been covered in this city by the exhibitors, believe this to be an excellent roofing material, and the best specimen on exhibition. *A Diploma.*

377. G. B. COOK, *San Francisco*. Two specimens of Elastic Roofing — "Russell's Patent Composition Roofing." Agency at Los Angeles. *A Bronze Medal.*

CLASS XXV.

PUMPS, WIND-MILLS, ETC.

Judges:

JAMES DEVOE,

ALAN M. EELLS,

W. T. GARRATT,

THOS. D. YOUNG,

THOS. OGG SHAW.

509. VULCAN IRON WORKS CO., *San Francisco*. A Double Hydraulic Force Pump, for Hydrostatic Press. Designed by J. M. Eckfeldt, chief coiner U. S. Branch Mint, of San Francisco, and manufactured by the Vulcan Iron Work Co., — alike creditable to the designer and to the manufacturers. In the design may be noticed the elegant form and appearance given to the framing, uniting strength and simplicity; the compact manner of working the cross-heads direct from the crank pins, without intervening connecting rods. In the execution, the nicest accuracy and neatness are evident—it is an excellent piece of fitting and workmanship. These pumps are intended to transmit a pressure of 20,000 lbs. per square inch, to a hydraulic press, in order to extract all the moisture retained in the gold and silver after the process of precipitation, in which they assume the form of a very fine powder. *A Special Premium.*

500. JOHN HUDSON, *San Francisco*. Several Copper Pumps, of his own make, and similar to the Lasswell Pump. They are durable and easy to keep in order. Those exhibited were of good workmanship, and cannot be too highly recommended. Awarded *A Diploma.*

342. JOSEPH S. PAXSON, *San Francisco*. Had on exhibition a number of Single, Double, and Quadruple acting Pumps, all imported. Well made and finished, and well adapted for the intended purposes.

A Special Premium.

538. J. Q. A. WARREN, *San Francisco*. A Rotary Pump, of singular and ingenious construction. Easily worked, but liable to get out of order.

359. JAS. B. JOHNSON, *San Francisco*. A Patent Wind-mill, of his own invention and manufacture. It was placed in the vacant lot adjoining the Pavilion, in such a manner that its practical operation could be fairly tested. It was constructed to exert about two-horse power. Its construction is peculiar — its velocity being self-regulated by means of a governor, with four balls, which is attached to an independent set of fans; these, at the proper times, counterbalance the action of the wind on the main fans, thereby securing an undeviating regularity of motion. Its original features and the resulting advantages, make it, in the opinion of the judges, the best wind-mill on exhibition, and it was awarded

A Diploma.

663. D. VAN PELT, *San Francisco*, in behalf of F. G. Johnson, of Brooklyn, N. Y., inventor, exhibited a large size Wind-mill, in the vacant lot adjoining the Pavilion, in order that, as well as the preceding, its working qualities might be fully noticed. It is, also, a self-regulating mill, the regulating agents being metallic balls attached to spiral springs, and connected by light rods to the fans. By centrifugal force they are, when undue velocity is acquired, thrown out towards the outside, and through the intervention of the rods are made to change the inclination of the surface presented to the wind, when the velocity being checked, the springs pull back the weights towards the centre, until a new increase of velocity calls them into action again; regularity of motion is thus attained with simplicity of construction. It is considered the next best exhibited, but no award made, it having been entered too late for competition.

456. D. W. HUNT, *San Francisco*. Also exhibited in the same manner, and at the same place as the above two, a Wind-mill of his own manufacture and invention. It is the most simply constructed of any exhibited, and is worthy of notice.

A Certificate of Merit.

311. W. H. DERRICK, *Stockton*. A model of a Wind-mill, styled a "Self-protecting Mill." It is so arranged as to stand face to the

wind, unless a heavy or sudden gust occurs, when the traversing, or movable vane, closes towards the stationary one, throwing the face of the wheel or fans edgewise to the wind until it subsides in violence, when it returns to its original position, ensuring thus a steady speed of motion.

185. GARCIN & Co., *San Francisco*. A model of a Wind-mill, also self-regulating. It is of simple construction, and appears to be durable and useful.

78. OLIVER HYDE, *Benicia*. A model of a Wind-mill, of simple construction. The same also exhibits an Iron Screw Picket.

CLASS XXXVI.

PAINTINGS, SCULPTURE, ETC.

Judges:

A. J. GRAYSON,	
FRANK TURK,	P. ORD,
JOHN HASTINGS,	GEO. H. RINGGOLD.

The judges, in submitting their report on this class, which presented this year such an array of number, variety, richness, and excellence, deem it proper to state that in the awards they have made, mistakes may have occurred, and perhaps erroneous opinions entertained, but that in the conclusions they arrived at, they have been entirely disinterested and wholly unanimous. One difficulty in arriving at satisfactory decisions, has grown, in many cases, out of the fact that the pictures seem to have been hung without due regard to choice of light, distance from the line, or relative effect of pictures on each other. Another difficulty arose from a want of proper classification, and they respectfully suggest to the Executive Committee, that more attention be paid on these points in future exhibitions. The judges have been forced to rely on their own conclusions in reference to the originality of many of the works contributed. In reference to portraits in oil, they express the belief that at no previous exhibition in California, has

so various and choice a selection been collected, and that the present exhibition takes precedence in this respect of any that have come under their observation. In colored photographs, the judges have exercised extreme care; a masterly exhibition is made by each of the exhibitors to whom premiums are awarded.

174. NORTON BUSH, *San Francisco*. Landscape in Oil—"A View of Monte Diablo." As the works of an amateur, the productions of Mr. Bush claim a high rank, and would reflect credit upon many a professional artist. For this landscape is awarded

A Diploma.

252. Mrs. OAKES, *San Francisco*. "View in Alameda County." This, as well as various other specimens exhibited by Mrs. Oakes, evince unusual talent, a strong feeling for art, and most commendable industry. For this view is awarded

A Bronze Medal.

174. NORTON BUSH, *San Francisco*. Landscape—"Alone."

A Certificate of Merit.

595. THOS. G. HAMBLY, *San Francisco*. Exhibited a Painting of "Bridal Falls," and one of the "Yo-Semite Falls," painted by Antoine Claveau; also an ancient Oil Painting, "Pilgrims traveling to Palestine." This latter, painted by Madame Roussel, of Paris, is an artistic and sterling production, worthy of a better position than had been assigned to it.

408. NAHL BROS., *San Francisco*. "Portrait of a Boy," in oil, on canvas; the best portrait-painting on exhibition, for which is awarded

A Diploma.

290. THOS. S. OFFICER, *San Francisco*. "A Portrait of James Linen," and a miniature likeness of Prof. Mapes, of New York. These are works more than merely creditable to the artist. The miniature has been scarcely surpassed in the Atlantic States for delicacy of handling, force of character and expression, and exquisiteness of finish.

A Certificate of Merit.

408. NAHL BROS., *San Francisco*. Two Panoramic Paintings, exhibited at the State Fair, viz.: "The Royal Family of the Sandwich Islands," and "Emigrants Crossing the Plains," have no competitors in their peculiar line; they are specimens of vigorous and bold designing, united with a free and masterly execution.

42. CHAS. J. HUGHES, *San Francisco*. A Chalk Drawing of a Female Head, by C. J. Pendergast. An artistic and meritorious production.

511. Mrs. EWALD, *San Francisco*. An oil Painting, from Nature.

499. Miss M. E. GUSHEE, *San Francisco*. An oil Painting and a water colored Drawing.

85. Miss ELIZABETH KENNEDY, *San Francisco*. Three oil Paintings. (Juv. Dept.)

The three last contributors are pupils of Mrs. N. H. Benton ; their works deserve particular commendation, not having been treated (with others of similar character) as in competition, being exhibited by pupils. As such, they could not fairly be judged by the standard assigned to artists, and yet merit more consideration than they would receive in being even first among juvenile productions.

525. An "Interior," in water colors, and three Drawings, distinguished by a red card, (No. 135), by a pupil of the San Francisco College, come under the same classification above alluded to.

154 & 191. CHAS. D. SHED, *San Francisco*. A Sea Scene — is a meritorious production ; three oil Paintings.

625. GEO. HENRY BURGESS, *San Francisco*. A case of water color Drawings, from nature. *A Diploma.*

423. H. EASTMAN, *San Francisco*. Sketches in Water Colors. *A Bronze Medal.*

57. Mr. GRIDLEY, *San Francisco*. Leaves, painted from nature. *A Certificate of Merit.*

— Mrs. N. P. BENTON, *San Francisco*. Pastel painting of Fruit. *A Diploma.*

251. Miss V. L. STEVENSON, *San Francisco*. A pastel Painting. *A Bronze Medal.*

332. Mrs. W. E. BROWN, *San Francisco*. Portrait of a Child, pastel painting. *A Certificate of Merit.*

625. H. BURGESS, *San Francisco*. A case pencil Drawings.
A Diploma.
423. H. EASTMAN, *San Francisco*. Pencil Drawings, on wood.
A Bronze Medal.
625. H. BURGESS, *San Francisco*. Group of Flowers, in pencil.
A Certificate of Merit.
233. Mrs. JOHN A. COLLINS, *San Francisco*. Two crayon Drawings.
A Diploma.
525. J. D., *Pupil of San Francisco College*. Crayon Drawing, "Soldier with Spear and Shield."
A Bronze Medal.
678. Miss CATHARINE DOWNS, *San Francisco*. Crayon Drawings.
A Certificate of Merit.
408. NAHL BROS., *San Francisco*. Miniatures, India ink Drawings.
A Diploma.
104. Mrs. C. W. KITTRIDGE, *Oakland*. Two India ink Drawings.
A Bronze Medal.
- — — — —, *Pupil of Mrs. Benton, San Francisco*. Female Head, India ink drawing.
A Certificate of Merit.
351. Mrs. S. A. NEWTON, *San Francisco*. Two Monochromatic Drawings.
378. G. H. JOHNSON, *San Francisco*. Two colored Photographs of Judge Shattuck and ex-Governor Purdy; colored by Thos. S. Officer.
A Diploma.
390. JAS. WISE, *San Francisco*. Colored Photographs. Portraits of Rev. M. H. McAllister, Commodore Watkins, etc.
A Bronze Medal.
284. S. W. SHEW, *San Francisco*. Colored Photographs. Portraits of Dr. Bradley, Mr. E. V. Joice, etc. *A Certificate of Merit.*
378. G. H. JOHNSON, *San Francisco*. Two colored Melainotypes.
408. NAHL BROS., *San Francisco*. Samples of Engraving on Glass, Steel, etc. A new and effective style of work on glass.
A Special Premium.

55. P. J. DEVINE & BRO., *Sacramento*. Bust of Governor Weller; also, a Statuette. *A Diploma.*

557. MICHAEL HEVERAN, *San Francisco*. A Sun Dial. Sculptured freestone, from Contra Costa. *A Diploma.*

310. C. LACY, *San Francisco*. A Baptismal Font. Sculptured from Sacramento freestone.

55. P. J. DEVINE & BRO., *Sacramento*. A Marble Mantle-piece. *A Special Premium.*

409. F. W. EATON, *San Francisco*. An oil Painting. (Juv. Dep.) *A Diploma.*

424. Miss REBECCA ROSS, *San Francisco*. An oil Painting. (Juv. Dep.) *A Bronze Medal.*

425. Miss ANNA ROSS, *San Francisco*. Water color Drawings. (Juv. Dep.) *A Diploma.*

409. F. W. EATON, *San Francisco*. Water color Drawings. (Juv. Dep.) *A Bronze Medal.*

241. W. E. DENNIS, *San Francisco*. Water color Drawings. (Juv. Dep.) *A Certificate of Merit.*

234. Miss JENNIE M. COLLINS, *San Francisco*. Pencil Drawings. (Juv. Dep.) *A Diploma.*

417. BENJ. DEPASS, *San Francisco*. A pencil Drawing. (Juv. Dep.) *A Bronze Medal.*

640. E. H. HOOPER, *San Francisco*. Crayon Drawings. (Juv. Dep.) *A Diploma.*

134. Miss HELEN E. DICKERMAN, *San Francisco*. Map of the United States, in pencil. (Juv. Dep.) *A Diploma.*

585. Miss BESSIE HALLOWELL, *San Francisco*. A Map of the British Isles. (Juv. Dep.) *A Bronze Medal.*

525. PUPILS OF MR. CHITTENDEN, *San Francisco College*. Among the best, and whose Drawings exhibit unusual clearness, may be named F. Ward Eaton, King, Mighell, Depass, Ransom, and Cobb.

466. Miss JULIA LUDLUM, *San Francisco*. A water color Painting, on a white velvet ottoman cover. *A Special Premium.*

465. Miss EMMA LUDLUM, *San Francisco*. A water color Painting, on a white velvet ottoman cover. *A Certificate of Merit.*

546. Miss — MELOON, *San Francisco*. A framed Painting of a California Flower.

387. C. C. SLADE, *San Francisco*. A Painting in water color, and a pencil Drawing. (Juv. Dep.)

20. MICHAEL DE YOUNG, *San Francisco*. Drawing of Bunker Hill. (Juv. Dep.)

53. THOMAS DAY, *San Francisco*. Four Paintings.

77. F. GRAIN, *San Francisco*. Seven large oil Paintings, and two small. Among which are four representing the seasons.

80. JOHN C. FALL, *Marysville*. A Statuette, made by P. J. Devine & Bro., Sacramento.

84. J. ROSSITER, *San Francisco*. Four specimens of Painting on Wire.

95. JOHN DUQUENNY, *San Francisco*. A Corinthian Capitol, an Ionic, two Brackets, and an Ornamental Panel.

98. DANIEL B. VINES, *San Francisco*. A framed Drawing, a ship in full sail.

102. J. R. NEILSON, *San Francisco*. Three framed specimens of Drawing with a pen.

113. JONAS CALL, *San Francisco*. Two crayon Drawings.

133. CHAS. BENEDICT, *San Francisco*. An oil Painting Photograph, done in half an hour.

137. W. E. SMITH, *San Francisco*. A pencil Drawing, man and horses, and two crayon Drawings. (Juv. Dep.)

138. LOUISA SMITH, *San Francisco*. Two Maps, in pencil. (Juv. Dep.)

141. E. FAISANDIEU, *San Francisco*. A Painting by Benedict, representing a Parrot.

147. L. BACON, *San Francisco*. A framed pencil Drawing, "Cadmus."

150. Miss SANDFORD, *San Francisco*. Two framed Paintings, one pastel and one water color.

153. H. J. SEGER, *San Francisco*. A crayon Drawing, (Turkish.) (Juv. Dep.)

173. J. BRANNAN, *San Francisco*. An oil Painting of Knight Templar, painted by Thos. J. Donnelly.

186. Miss M. MOTT, *San Francisco*. Two gilt framed Drawings, in crayon.

187. Miss M. DOLET, *San Francisco*. A pencil Drawing.

188. Miss A. HECHT, *San Francisco*. A pencil Drawing.

189 & 280. Miss H. HULBERT, *San Francisco*. A crayon Drawing, and a pencil Drawing.

220. Mrs. E. M. WALTON, *San Francisco*. A leather framed Painting, a crayon Drawing, and a Grecian Painting.

224. H. G. WOLGAMUTH, *Volcano, Amador County*. A Marble Statuette of a Nymph.

244. J. HUNT, *San Francisco*. A framed piece of Printing, done by pen. (Juv. Dep.)

253. C. J. GRAY, *San Francisco*. An oil Painting, and a Painting on iron.

254. Miss L. SMITH, *San Francisco*. A water color Painting.

263. Miss E. BADGER, *San Francisco*. A painted Pincushion.

265. W. KNIBBE, *San Francisco*. Six oil Paintings, made in Germany by his father.

279 & 349. J. JOHNSTON, *San Francisco*. Two oil Paintings, by Nahl.

289. T. J. DONNELLY, *San Francisco*. Three oil Paintings.

306. J. A. PLUMMER, *San Francisco*. A water color Painting.

309. ALEX. EDOUART, *San Francisco*. Three oil Paintings.
325. A. MENGES, *San Francisco*. An oil Painting.
343. S. B. WOODWARD, *San Francisco*. A crayon Drawing of Bunker Hill Monument. (Juv. Depart.)
348. Capt. ROBERTS, *San Francisco*. An oil Painting, by Nahl.
370. Mrs. NOBLE, *San Francisco*. Four Flowers, in water colors.
382. H. HERTZEN, *San Francisco*. A pencil Drawing. (Juv. Depart.)
397. Master G. TINGLEY, *San Francisco*. A crayon Drawing. Two ornamented Whale Teeth. (Juv. Depart.)
405. A. TESSEIRE, *San Francisco*. Two oil Paintings.
406. Mrs. H. C. BEALS, *San Francisco*. A crayon Family Picture.
422. H. A. COBB, *San Francisco*. Two pencil Drawings. (Juv. Depart.)
432. Miss E. OWEN, *Suisun City*. An India ink Drawing; two water color Paintings.
439. S. SOLOMON, *San Francisco*. A Portrait of General Wool, painted by Shaw, of San Francisco.
443. Miss FORRESTER, *San Francisco*. A crayon Painting. (Juv. Depart.)
445. F. HORSWILL, *San Francisco*. A crayon Drawing of Bunker Hill Monument. (Juv. Depart.)
453. Mrs. WILLIAMSON, *San Francisco*. Eight specimens of pencil Drawings.
464. E. W. HITCHINGS, *San Francisco*. A small Map of Nicaragua. (Juv. Depart.)
471. R. SCHOYER, *San Francisco*. Three ancient oil Paintings.
472. C. W. BROOKS, *San Francisco*. Two oil Paintings, made in China, representing the Bombardment of Canton.

476. H. HOLMES, *San Francisco*. A framed specimen of Paper for transferring of Leaves, Embroidery, etc. Also, specimen of Ambrotype Lettering on glass and tin, instantaneously done.

478. F. A. BUTMAN, *San Francisco*. An oil Painting.

480. C. JACKS, *San Francisco*. A small oil Painting, on board.
(Juv. Depart.)

535. Miss O. C. BAYLEY, *San Francisco*. A water color Painting.

536. Miss C. A. BAYLEY, *San Francisco*. A water color Painting.

542. Mrs. A. C. WAKEMAN, *San Francisco*. A Drawing, representing five Steamships.

556. Miss K. DENNIS, *San Francisco*. Two water color Paintings.

569. R. B. FORDHAM, *San Francisco*. An Oil Painting.

570. Mrs. DAVISON, *San Francisco*. Three Crayon Drawings.

576. Miss H. E. WOOD, *San Francisco*. A water-color Painting.

591. J. G. ARGENTI, *San Francisco*. A Basket of Flowers, carved in marble. Very finely and artistically done.

596. F. P. TRACY, *San Francisco*. Three Oil Paintings.

611. EMMA M. DENNIS, *San Francisco*. A water-color Painting.

622. J. MOORE, *San Francisco*. A Portrait in Oil.

629. THOS. S. OFFICER, *San Francisco*. A Photograph in Oil.

660. H. J. WOLGAMUTH, *Volcano, Amador Co.* Bust of Gen. Sutter, made of Volcano Marble.

665. WM. BURROWS, *San Francisco*. Two Oil Paintings.

669. J. M. ACKLEY, *San Francisco*. A water-color Drawing.

CLASS XXXVII.

WORSTED WORK, CROCHET AND KNIT WORK.

Judges :

MISS ANNA E. SANDFORD,
 MRS. E. A. WOOD, MRS. H. S. BALDWIN,
 MRS. C. BLITZ, MISS H. F. THOMAS.

440. Miss J. MAES, *San Jose*. A Country Scene, "The Happy Family." The finest on exhibition. *A Diploma.*

211. Miss E. SMITH, *San Francisco*. "Flight of Lot from Sodom." Beautifully wrought. *A Bronze Medal.*

326. Miss B. LESZYNSKY, *San Francisco*. "Joseph Relating his Dream." Very showy. *A Certificate of Merit.*

146. Mrs. STALLMAN, *San Francisco*. "Bearing the Cross." Colors beautifully blended.

219. Mrs. A. P. GLOVER, *San Francisco*. Three pieces of Embroidery, for chairs. Well executed; made in Dorchester, Mass.

558. Mrs. E. WRIGHT, *San Francisco*. Two Ottoman Covers. Colors finely blended. *A Certificate of Merit.*

560. Miss BROHASKA, *San Jose*. A Sofa Cushion. Very handsome. *A Diploma.*

350. LOCAN & Co., *San Francisco*. A case Embroidered Silk and Worsted. *A Diploma.*

520. Miss A. SMITH, *San Francisco*. Two pieces Worsted-work. Well finished.

515. Miss A. STEINERT, *San Francisco*. Four pieces Worsted-work. Beautifully executed, and worthy *A Bronze Medal.*

550. Miss J. T. DONOVAN, *San Francisco*. Two pairs gentlemen's Slippers. Quite pretty.

534. Mrs. M. H. GRIMES, *San Francisco*. A pair gents' Slippers. Very handsome.

317. Mrs. C. CRAMER, *San Francisco*. Toilet Cushion. Very neat.

179. Mrs. WAKEMAN, *San Francisco*. Stool Covers, raised work; wrought with admirable taste.

A Certificate of Merit.

62. Mrs. M. A. EATON, *San Francisco*. Two Stool Covers. Particularly good.

— Mrs. J. MILKIN, *San Francisco*. A Sofa Cushion, worsted and beads; beautifully wrought, evincing much skill and taste.

A Bronze Medal.

320. GEORGIANA WARD, *San Francisco*. A Lamp Mat, tastily made.

109. Mrs. ROBINSON, *San Francisco*. Lamp Mat; very neat.

196. Mrs. HOWLAND, *San Francisco*. A Lamp Mat; very good.

207. Mrs. LOTHROP, *San Francisco*. A pair of Gent's Slipper's: wrought with taste.

213. Mrs. T. BOSCHUTTE, *San Francisco*. A Stool Cover; handsomely done.

50. Mrs. THURNAUER, *San Francisco*. A case of Baskets, willow ware, wrought with chenille and worsted. Imported.

82. Mrs. H. L. WESTON, *Petaluma*. Worsted work, "Daniel Webster." Very fine.

A Certificate of Merit.

72. Mrs. H. C. PARKER, *San Francisco*. "David and Nathan." Prettily done.

A Certificate of Merit.

161. Mrs. S. B. KING, *San Francisco*. Two Ottoman Covers; neat, but lacking color.

92. Mrs. A. H. BEWLEY, *San Francisco*. A Worsted Brooch; beautifully executed, and worthy

A Diploma.

217. Miss M. AYERS, *San Francisco*. A piece of Worsted work, "Flight to Egypt;" very neat. (Juv. Depart.)

A Bronze Medal.

222. Mrs. JOSSELYN, *San Francisco*. Two vases of Flowers, worsted work; arranged with great taste.

A Bronze Medal.

184. Miss E. S. STEPHENS, *San Francisco*. A Lamp Mat, of raised work; very handsomely done, and meriting *A Diploma*.

429. Mrs. J. L. SANDFORD, *San Francisco*. Two Birds in a frame, Worsted-work. Finely executed.

A Certificate of Merit.

636. Mrs. SUSAN G. GARDNER, *San Francisco*. A Toilet Cushion, very neat, and a Lamp Mat, made by her mother, aged 71.

A Certificate of Merit.

637. Mrs. SUSAN G. CROWELL, *San Francisco*. A worsted Screen. Neat.

495. Mrs. L. WITTINGHAM, *San Francisco*. A Piano Cover. Handsomely wrought.

A Diploma.

377. Miss SPARKS, *San Francisco*. A worsted worked Ottoman. Done with taste.

530. Miss S. A. LUDLOW, *San Francisco*. Two pieces worsted worked Ottoman Cover. Fair. (Juv. Dep.)

— CHILD EIGHT YEARS OLD. Worsted Alphabet. Very pretty.

129. Master C. HIGGINS, *San Francisco*. Alphabet in worsted work, with taste.

128. Miss JANE F. HIGGINS, *San Francisco*. A worsted-work Lamp Mat; also, two knit Purses. (Juv. Dep.)

334. Miss CARLOTA CASANOVA, *Benicia*. A framed piece Raised Worsted-work. (Juv. Dep.)

A Certificate of Merit.

14. Miss E. S. SIMMONS, *San Francisco*. Two Lamp Mats; very prettily done. (Juv. Depart.)

151. Miss A. STEINHART, *San Francisco*. Two pieces of Worsted work, in frame; worthy of notice.

479. Miss L. C. HUNT, *San Francisco*. A framed Worsted work Wreath of Flowers; worthy

A Certificate of Merit.

110. Mrs. WILSON, *San Francisco*. A Pen Wiper; neat.

582. R. B. TURNER, *San Francisco*. A framed worsted-work Picture, made by a little girl. *A Certificate of Merit.*
46. Miss E. GRANT, *San Francisco*. Four Crotchet Collars, one Edging, and two Chains. Beautifully executed.
139. S. G. SMITH, *San Francisco*. A worsted Alphabet. With taste.
484. A. C. TABER, *San Francisco*. A crotchet Mat. Neat.
25. Mrs. B. HAGAN, *San Francisco*. A crotchet Table Cover. Very fine.
36. Mrs. W. COFFEY, *San Francisco*. Three sets Curtains, and two Tidies. Knit with care. *A Certificate of Merit.*
41. Mrs. W. MURRAY, *San Francisco*. A crotchet Ottoman Cover. Very good.
108. Mrs. E. CHITTENDEN, *Alameda*. A knit Bed Spread.
116. Mrs. A. GLEASER, *San Francisco*. A knit Table Cover. Fair.
160. Mrs. I. A. EATON, *Marysville*. Two Mats and three Tidies. *A Certificate of Merit.*
336. Miss F. STEPHENS, *San Francisco*. A knit woolen Skirt. Neat.
416. Mrs. HESS, *San Francisco*. A knit Table Cover. Tasteful.
586. Mrs. F. BUEL, *San Francisco*. Worsted Knitting-work. Very good.
592. Mrs. H. M. WHITE, *San Francisco*. A crotchet flowered Lamp Mat. Neat. *A Bronze Medal.*
517. H. M. TICE, *San Francisco*. A crotchet Mat. If Mr. T. is well and hearty, the judges advise him to turn his attention to a worthier occupation for a gentleman than that of knitting; should he be an invalid, his efforts are praiseworthy.
201. Miss A. J. HAM, aged 12 years, *San Francisco*. Six crotchet Collars. Knit with care.

641. Mrs. H. S. BROWN, *San Francisco*. A piece Polish Embroidery. Superior. *A Certificate of Merit.*
649. Mrs. F. WARNER, *Oakland*. A knit Bed Spread. Excellent work.
196. Mrs. W. H. HOWLAND, *San Francisco*. A raised worsted-work Ottoman Cover, two pairs gents' Socks, and one Bed Spread.
604. Miss E. CUSHING, *San Francisco*. A framed crotchet Worsted-work, representing Mary, Queen of Scots, resigning her crown. Beautifully executed, evincing great taste, skill, and patience. (Entered too late for competition.)
609. Miss L. GEIGER, *San Francisco*. A fancy Work Basket, and a fancy Parlor Bell Strap. Very pretty.
543. Miss REYNOLDS, *San Francisco*. A worsted-work Map of England and Wales, executed eighty years ago.
229. Mrs. B. F. HARDY, *San Francisco*. A Sofa Cushion of block-work, and a card of Sea Mosses, collected by herself.
490. Miss T. LEE, *Fruit Vale, Alameda County*. A crotchet Chair Cover.

CLASS XXXVIII.

AMBROTYPES, PHOTOGRAPHS, &c.

Judges :

W. F. HERRICK,
JOHN B. TRASK, JOSEPH BRITTON.

The judges had a large collection to select from in this class ; but, although the exhibition of Ambrotypes and Photographs is above mediocrity, yet many of the pictures in the fair were but indifferent specimens of what the art is capable of producing : some of the Ambrotypes were spoiled by the Camera being out of focus ; in Photographs was noticed a prominent fault : dark, muddy shadows, with bleached

out half tints; some, so badly printed as to show scarcely any of the delicate shadows under the eyebrows, nose, chin, and neck. As these faults can easily be remedied by care and good judgment, a closer attention is suggested to operators on these important points.

391. C. F. HAMILTON, *San Francisco*. Twenty-four Ambrotypes. Mr. C. F. H.'s Ambrotypes are considered by the judges to be generally superior to others in the delicacy and transparency of the shadows, and the good taste and judgment apparent in the positions and accessories. One, of a middle aged gentleman, with white hair, is, in their opinion, a very excellent picture, one of the very best on exhibition. The Ambrotypes of children are particularly good; the position well chosen, and the pictures, sharp, delicate, and well toned.

A Diploma.

488. S. SELLECK, *San Francisco*. Seventeen Ambrotypes. This collection is scarcely inferior to any exhibited; some of the pictures of children are very good, being sharp and clear. A profile ambrotype of General Sutter, is a well executed specimen of the art.

A Bronze Medal.

180. W. SHEW, *San Francisco*. Eleven Ambrotypes. A good collection. Those of Rev. Mr. Cutler, and of a gentleman, full length, are fine specimens of the art.

A Certificate of Merit.

266. DYER & BAILEY, *San Francisco*. Twenty-four Ambrotypes. The positions, in most of these, are well chosen. Many of them are good, well toned pictures; others are deficient in both tone and effect.

261. HENRY BUSH, *San Francisco*. Six Ambrotypes.

378. G. H. JOHNSON, *San Francisco*. Four Melainotypes; well executed.

278. JACOB SHEW, *Sacramento*. Six Daguerreotypes; well executed.

180. WM. SHEW, *San Francisco*. Nine Pictures, on patent leather; all well executed; one of Senator Bell, particularly good.

A Diploma.

177. G. R. FARDON, *San Francisco*. Nine Pictures, on patent leather; all good.

Ast Bronze Medal.

261. H. BUSH, *San Francisco*. Two Pictures, on patent leather.

457. R. H. VANCE, *San Francisco*. Twenty-two Photographs, plain. A large and generally good collection, some life size. Some of those of medium size are particularly good. One, of Dr. Ober, is considered the best on exhibition, being sharp, well toned, with fine, transparent shadows. *A Diploma.*

378. G. H. JOHNSON, *San Francisco*. Eight Photographs, plain, and two retouched with Indian ink. A small collection, but nearly all good. One, a large half length, although a low toned picture, is clear and harmonious. The retouched pictures are not improved by the process. *A Bronze Medal.*

488. S. SELLECK, *San Francisco*. Thirteen Photographs, plain. Some of these are excellent; in particular, one of Judge Heslep, is one of the best on exhibition; also, one of Mr. Donnell. Some others are indifferently printed. *A Certificate of Merit.*

266. DYER & BAILEY, *San Francisco*. Twenty-two Photographs, plain. Three or four of these are very good.

261. H. BUSH, *San Francisco*. Three Photographs, plain.

177. G. R. FARDON, *San Francisco*. A large Photographic View of San Francisco, taken from the head of Sacramento Street; indistinct, both in foreground and distance. Mr. G. R. F. has made much better ones.

292. J. STARK, *San Francisco*. Six Photographs.

529. H. BURGESS, *San Francisco*. Two painted Photographs.

563. Mrs. TORRENCE, *San Francisco*. A painted Photograph.

CLASS XXXIX.

NEEDLE WORK.

Judges :

Mrs. S. B. COPELAND,

Mrs. R. S. STRATTON,

Mrs. A. C. DRURY,

Mrs. E. S. HUNT,

Mrs. E. J. FREEMAN.

So many have been the articles presented in this class, and so much excellence displayed, that it has been almost impossible for the judges

to decide upon a preference. The display of beautiful and substantial work was, in the highest degree, creditable to the exhibitors.

413. S. O. BRIGHAM, *San Francisco*. A great variety of Machine Sewing and Embroidery; very elegant work, exhibiting much taste, and to which is awarded *A Diploma*.

A great portion of the Machine Sewing and Embroidery exhibited by Mr. Brigham, was performed by Mrs. Rodgers, and these beautiful specimens show with what perseverance and intelligent industry, she has mastered perfect practice of Sewing Machines.

64. H. C. HAYDEN, *San Francisco*. Beautiful specimens of Machine Sewing; all very handsome, and to which is awarded *A Bronze Medal*.

149. Mrs. MISH, *San Francisco*. Two show cases of Millinery; of superior style and finish. *A Diploma*.

121. Mrs. MARLET, *San Francisco*. Two show cases of Millinery, among which, some stylish and pretty Bonnets. *A Bronze Medal*.

481. Mrs. A. E. IRWIN, *San Francisco*. Elegant specimens of Boys' Clothing. One case containing two suits, of very superior style and finish, (one brown merino suit, and one drab merino.) *A Diploma*.

Also, had on exhibition a great variety of Ladies' and Children's Clothing, of very creditable style, as follows:—

- A black moire antique Morning Wrapper;
- A pink silk Evening Dress;
- A linen cambric Breakfast Robe;
- Twelve ladies' Dressed Caps, and an Embroidered Hood;
- Four infants' Caps, and a boy's Fancy Hat;
- Three infants' Dresses, and a Christening Robe;
- Four embroidered flannel Skirts;
- Two infants' embroidered Shawls, and infants' Dress,
- Two linen cambric embroidered Skirts;
- An embroidered merino Dress and Cape;
- A blue silk Dress;
- A child's plaid silk Dress;

A black and a maroon velvet embroidered suit ;

Six infants' Toilet Baskets ;

Six Sun Bonnets, three black Dress Caps, and three pairs of Drawers.

352. Mrs. McELROY, *San Francisco*. Dress and Guipure lace Mantilla. *A Diploma.*

163. Miss E. DONAHUE, *San Francisco*. A Skirt, embroidered on cashmere ; nicely done.

193. Miss H. THOMAS, *San Francisco*. An infant's embroidered Shawl, on cashmere ; handsome pattern, and neatly done.

225. Mrs. W. WOOD, *San Francisco*. A child's embroidered Dress and Cape ; very pretty.

410. Mrs. Capt. McDUGAL, *Mare Island*. A lady's embroidered Scarf ; handsome.

169. Mrs. M. G. WHITMAN, *San Francisco*. A white lace Veil ; beautifully wrought, displaying taste and skill.

69. Miss L. H. CHADBOURNE, *San Francisco*. A silk Ottoman Cover, rose patchwork, evincing taste and patience. *A Diploma.*

91. Miss L. R. MONROE, *San Francisco*. A Bed Spread, of a pretty design ; showy, and neatly made. *A Bronze Medal.*

339. Miss L. M. FAIRBANKS, *Stockton*. A silk Bed Spread ; beautifully made. *A Certificate of Merit.*

287. Mrs. DANNENBERG, *San Francisco*. Two cases containing Embroidery and Needle-work, a variety of richly made and embroidered articles of infants' clothing. Handsomely made. *A Diploma.*

350. LOCAN & Co., *San Francisco*. Several articles of very rich Embroidery. *A Bronze Medal.*

106. Mrs. M. A. SCOTT, *San Francisco*. An infant's Dress, machine sewed. Very handsome. *A Certificate of Merit.*

139. Miss S. G. SMITH, aged eight years, *San Francisco*. A sample embroidered Alphabet.

205. Mrs. IRONSIDES, *San Francisco*. A silk Pincushion, box pattern, containing 270 pieces. Neat and pretty.

303. Mrs. BASSET, *San Francisco*. A black silk quilted Skirt. Well made.

312. Miss M. H. PARKHURST, *San Francisco*. A quilted Skirt. Worthy of notice.

68. Mrs. J. F. CORLISS, *San Francisco*. An infant's silk Crib Quilt. Well made. *A Certificate of Merit.*

58. Mrs. C. H. SPRAGUE, *Mokelumne Hill*. A Baby's Quilt.

56. Mrs. J. E. TERRELL, *San Francisco*. A quilted Bed Spread. Neatly made and very showy.

70. Mrs. A. NELSON, *San Francisco*. A crotchet Table Cover, and a Dress sewed with Wheeler & Wilson's machine.

118. Mrs. S. OTIS, *San Francisco*. Three quilted Bed Spreads. Plain and neat.

123. Mrs. J. H. POOLE, *San Francisco*. An embroidered Skirt, and a quilted Bed Spread, neat pattern.

135. Mrs. V. S. DICKERSON, *San Francisco*. Two embroidered Collars. Very elegant work.

589. Mrs. IRWIN, *Petaluma*. A fancy patch-work Bed Spread.

590. Mrs. MOFFAT, *Petaluma*. A fancy patch-work Bed Spread.

354. Mrs. C. SHELDON, *San Francisco*. A silk Pincushion, containing 348 pieces. Neatly made.

567. Mrs. A. G. AVERY, *San Francisco*. A star patch-work Bed Quilt, containing 2475 pieces. Even and well arranged.

527. Mrs. H. CORBETT, *San Francisco*. An embroidered flannel Skirt. Neat pattern.

419. Miss E. E. BARNES, *San Francisco*. A Collar of transfered work. Elegantly done.

429. Mrs. J. L. SANFORD, *San Francisco*. Collars, Handkerchiefs and Skirts. Of superior work. *A Diploma.*

144. Mrs. D. NORCROSS, *San Francisco*. A Show Case of embroidered Under Linen. Good substantial work.

A Certificate of Merit.

103. Miss R. A. CRUDENS, *San Francisco*. An embroidered Skirt and Handkerchief. *A Bronze Medal.*

573. Mrs. M. H. PARKER, *San Francisco*. A crape embroidered satin Pin Cushion. Beautifully wrought; very rich.

393. Mrs. J. HAMMERSMITH, *San Francisco*. A patch-work Bed Spread.

155. Mrs. J. BENDER, *San Francisco*. A knit Table Cover and Tidy. Fine and evenly made.

214. Mrs. SCALES, *San Francisco*. A needlework Toilet Cover, made in Scotland fifty years since; very nicely stitched — exhibits great patience.

374. Mrs. SIEBRECHT, *San Francisco*. A crochet Tidy. Very pretty design.

275. Miss PURCELL, *San Francisco*. Two child's Dresses, executed with Grover & Baker's sewing machine. Very fine and even work.

82. Mrs. H. L. WESTON, *Petaluma*. An embroidered flannel Skirt, of handsome pattern, and neatly done.

75. Mrs. A. P. BESSEY, *San Francisco*. An embroidered linen Skirt. *A Certificate of Merit.*

333. ZIEGENHIRT Bros., *San Francisco*. A show-case containing Fringes, Girdles, and other ladies' dress trimmings, of very superior finish, and well got up. *A Diploma.*

143. D. NORCROSS, *San Francisco*. A show case with a variety of Military and Odd Fellows' Regalia, and embroidered Fringes, Girdles, etc. Very well made. *A Bronze Medal.*

245. Miss E. HAHN, *San Francisco*. An embroidered Handkerchief. Nicely wrought.

544. Mrs. AGARD, *San Francisco*. A knit Anti-Macassar. Elegantly done.

192. Mrs. A. BUNNER, *San Francisco*. A pair of open-work knit Hose. Very fine.

70. Mrs. A. NELSON, *San Francisco*. A crochet Table Cover, very pretty, and one Dress.

60. Mrs. S. A. KELSEY, *San Francisco*. A patchwork Bedspread, prettily made.

199. Mrs. E. CALKIN, *San Francisco*. An embroidered Skirt, neatly done.

233. Mrs. J. A. COLLINS, *San Francisco*. A piece rose Patchwork, nicely arranged.

198. Miss H. A. BUD, aged five years, *San Francisco*. A hemmed Handkerchief; neatly and evenly done.

76. Mrs. B. H. REED, *San Francisco*. An infant's Slip.

210. Mrs. J. JOHNSTON, *San Francisco*. A knit Bed Spread, containing 630 pieces.

267. Miss ABBOTT, *San Francisco*. A gold embroidered Pincushion.

313. Mrs. E. H. TALLMAN, *San Francisco*. A case of ladies' Under Garments.

341. Mrs. M. E. FOWLER, *San Francisco*. A silver work Drawing of a Steamer, in a frame.

392. Mrs. E. CORBUISIER, *San Francisco*. A patchwork quilted Bed Spread.

400. Mrs. J. MULHARE, *San Francisco*. A bead embroidered Cushion.

565. Mrs. BLANDY, *San Francisco*. A Sample Designing for Embroidery.

600. Mrs. G. PARKER, *San Francisco*. An embroidered satin Pincushion.

602. Miss J. A. REYNOLDS, *Santa Clara*. A needlework Skirt. (Juv. Dep.)

626. Miss F. A. CALEF, *San Francisco*. A silk patchwork Cushion, containing over 500 pieces.

632. Mrs. BALDERAIN, *San Francisco*. Three embroidered Chemises.

646. Mrs. J. BOWMAN, *San Francisco*. A Skirt and two Pillow Cases, made by herself; two pieces of Lace Work, made by the South American Indians.

CLASS XL.

WAX, HAIR AND SHELL WORK, ARTIFICIAL FLOWERS, &c.

Judges :

MRS. L. RANSOM,
 MRS. HOOPER, MRS. NEVILLE,
 MISS McALLISTER, MRS. FRY.

162. Miss L. BRUSH, *San Francisco*. A Bridal Wreath of Wax Work, in a leather wrought frame. This wreath, from the artistic skill and exquisite taste exhibited in its construction, is well entitled to
A Diploma.

175. Mr. & Mrs. D. BUSH, *San Francisco*. A case of Hair Ornaments, very tastefully executed; the brooch, in this collection, particularly attracted attention. These articles surpass anything of the kind on exhibition, for fineness and beauty of texture.
A Diploma.

61. G. SCHMIDT, *San Francisco*. A case of Hair Ornaments, beautiful in design and execution; a portion, only, were made here, among which is a Chatelaine Bracelet and Ear Rings, deserving a
A Diploma.

334. Miss C. CASANOVA, a pupil of *St. Catherine's College, Benicia*. Representation, in hair work, of a Tomb, surmounted with a dove and other devices, overshadowed by weeping willows. The execution is very good, and the design is beautiful.
A Diploma.

361. Miss M. RIEN, *San Francisco*. A Wreath and Flowers, of hair work, in a frame; designed and made with much taste.
A Bronze Medal.

82. Mrs. H. L. WESTON, *Petaluma*. A Wreath of Flowers, in hair work; prettily designed.
A Certificate of Merit.

114. Miss M. ROMIE, *Benicia*. A Basket of Flowers; very prettily executed, and deserving commendation for so young a person.

115. Miss S. BRUSH, *San Francisco*. A case of flexible Wax Flowers.

515. Miss A. STEINERT, *San Francisco*. A case of Wax Flowers, only entered for exhibition.

90. Miss A. J. BIGELOW, *San Francisco*. A Hair Wreath; well made and of a novel design.

318. Mrs. P. E. ROGERS, *San Francisco*. A framed piece of Hair Work, well and tastefully executed; entered for exhibition only.

323. Miss M. MULHARE, *San Francisco*. A Wreath, in frame.

213. Mrs. T. BOSCHUTTE, *San Francisco*. A Brooch, of hair work; the workmanship and design are beautiful; made in Germany, and entered for exhibition only.

120. Mrs. S. C. STILL, *San Francisco*. A vase of Flowers, of shell work; evincing much taste and skill. *A Bronze Medal.*

8. Mrs. J. B. CLARK, *San Francisco*. An elaborately wrought case of Flowers, etc., neatly arranged. *A Certificate of Merit.*

228. Mrs. J. CHASE, *San Francisco*. A Basket of shell work, in a frame; very handsome. Made in Mexico, and only on exhibition.

32. Mrs. D. CRONIN, *San Francisco*. Two large Frames, the Shell Work in which is most skilfully and exquisitely executed; made in San Francisco, and awarded *A Diploma.*

645. J. P. BRODIE, *San Francisco*. A vase of small Shell Flowers, made by Miss Soledad Bocica, of Acapulco. These more closely resemble nature than any exhibited, are graceful in design, and exquisite in execution; entered only for exhibition.

414. Mrs. J. M. SAUNDERS, *San Francisco*. A card of Sea Mosses, "Algæ," collected on the coast and in the Bay of San Francisco; very beautiful in arrangement and combination, and artistically executed. *A Special Premium.*

541. Miss C. DAY, *San Francisco*. A case of pressed Flowers; neatly arranged, and deserving *A Certificate of Merit.*

442. Mrs. O. C. PRATT, *San Francisco*. A frame of Land Mosses, from Oregon, representing the Tomb of a Norwegian King; the colors are exquisitely blended, in representing the foliage of trees, and skilfully executed, presenting a fine appearance.

A Special Premium.

446. A. HAMEL, *San Francisco*. A Fountain of Petrified Moss, from the Stanislaus River; tastefully designed, and representing a hunting scene, bear, sportsmen, etc.

363. R. G. BURGESS, *San Francisco*. A collection of Shells, from islands in the Pacific; collected and arranged by himself.

434. A. J. FRICK, *San Francisco*. A case containing a hundred varieties of Terrestrial Shells.

455. J. A. McCLELLAND, *San Francisco*. A large Shell.

524. H. A. COBB, *San Francisco*. A case of Shells.

559. J. H. WEBSTER, *San Francisco*. A case of Shells and Whittlings.

610. J. BENNY, *San Francisco*. Nine Sea Shells.

96. A. McPHERSON, *San Francisco*. A case of Marine Shells.
A Certificate of Merit.

107. Mrs. J. NEALL, *San Francisco*. A Pine Cone Basket, containing California Shells, a Slate Pipe, and a California Shell.

CLASS XLI.

CHEMICALS, &c.

Judges:

JOHN B. TRASK,

WM. B. LITTLE,

C. H. RAYMOND,

CHAS. E. HINCKLEY.

238. G. S. DICKEY, *San Francisco*. A show case of Chemicals, among which, Chromic Acid, Glycerole vel Borinum, Hyd. Chloro-iodide, Chlor. Manganese, Carbonate Baryta, Arsenicum Iodidum,

Aqua ext. Aloes, Plumb. Sub Acetat, Argentum Oxidum, Iodid Ammonia, Potassa permanganata, in crystals and amorphons, Plumb. Iodid, Soda Pyrophos, Fer. Carb. Sacch. Ammonia Sulphas, Ferri and Quin. Citras, Soda Biarseniate, Ferri and Ammonia Sulph., Plumb. Acetat, Ferri peroxide, Potassa bi-arseniate, Fel. Towri Inspissatus, Zinc Sulphas, Potassa Quadroxydatus, Ferri and Strychnos Citras, Quinia, Monsel's Salt, Hyd. Ben. Iodid, Bismuth, Sub Carbonas, Quinia Citras, Pilula Ferri Carb. Mass, Liquor Arsenici and Hydriodatis, Liquor Arsenici potassa, Spts. Ammonia Aromatica, Liquor Ferri Per Chlor., Syrup Ferri Iodid, Cantharidal Collodion.

Also, among the Fluid Extracts, Actea racemosa Buchu, Sarsaparilla, Spigelia, Senna.

All of which were manufactured in this city. They are evidently prepared with great care, and in the opinion of the judges, are not excelled by any foreign productions. They have the advantage of being freshly prepared, and are economical, as the greater part of them and others, can now be produced in this State at prices not exceeding those of imported articles, which should entitle domestic art to encouragement and patronage. A large proportion of them are *new remedies*, the most of which were prepared in this city, in periods of from fifty-five to sixty days after their announcement in the Bulletins of the European Capitals, and a large portion have been applied successfully, in practice here, that are yet unknown among our eastern friends. One or two of these articles have now obtained public sanction in this State, whilst they are not yet known or acknowledged in Europe outside of the provinces whence they emanated. No better evidence than these facts could be adduced, to show the capacity of our own artisans to maintain parallelism of advancement with the most favored abroad, and that in some departments, at least, we are some steps removed from the semi-barbarous condition which is so often ascribed us.

A Special Premium.

18. R. F. KNOX & Co., *San Francisco*. A box of Carbonate of Soda. An elegant production, made from the crude Soda Ash of commerce; it is not excelled by any of foreign manufacture, and possesses special merit.

A Special Premium.

365. J. TAYLOR, *San Francisco*. A case containing Chemical Glass-ware.

A Certificate of Merit.

CLASS XLII.

REGALIA, TOYS, IVORY TURNING, ETC.

Judges:

THOS. D. JOHNS,
 OTIS V. SAWYER, P. DELLA TORRE.

The judges expressed the regret that no more display was made in this class—no specimens of toys, and only one of ivory-work, having been presented, and only one entry having been made for regalia.

143. D. NORCROSS, *San Francisco*. The only exhibitor of Masonic and Odd Fellows' Regalia. The specimens presented were exceedingly well executed, and the different specimens of other gold and silver embroidery, in the same case, were quite equal to any work of the kind the judges ever examined. Of the military embroidery, some was very well done, while a great portion had not received as much care and fidelity in execution as would entitle it to particular notice.

Also, a case of Military Trimmings and Equipments, such as Military Belts, Sashes, Sabres, Swords, Pompons, Lace, etc., most of which were imported. *A Special Premium.*

526. ALEX. DEHE, *San Francisco*. Two carved Ivory Bracelets. Made by himself.

CLASS XLIII.

PRESERVED MEATS AND VEGETABLES, PICKLES, ETC.

Judges:

A. H. MYERS,
 JOHN CENTER, H. LUELLING,
 HORACE GUSHEE, J. ARAM.

547. C. PEEBLES, *Santa Clara*. Samples of Cured Ham, nicely trimmed and cured, in a very superior manner, without excess of salt. If it does not excel any Eastern cured ham, none certainly can surpass

it. It was cured in January and hung in the smoke-house until September 1st, and is perfectly sweet and free from insects. The same exhibitor also presented a can of Lard, his own production, very sweet, white, and superior.
A Special Premium.

492. A. OVERILL, *San Francisco*. Two samples of Smoked Beef. Of fair quality.

539. WM. F. WALTON & Co., *San Francisco*. Strips of Halibut, from Puget Sound, put up by C. L. Strong; well cured and of exceedingly fine quality. Also, Halibut Napes and Fins, in brine, and in a fine state of preservation.
A Special Premium.

375. P. SMITH, *San Francisco*. About 100 lbs. of splendidly Cured and Smoked Salmon; also, Pickled Salmon, in barrels and half-barrels, in excellent condition. Mackerel, Nos. 1, 2, and 3, in kits and half-barrels, well put up in vessels of home manufacture. The Fish were taken in Monterey and Santa Barbara Bays—those from the latter place are the largest, while those from the former are the fattest. Anchovies and Herring, well put up in brine.
A Special Premium.

454. Mrs. POST & Mrs. BASSETT, *San Francisco*. Samples of very superior Family Tomato Catsup.
A Special Premium.

271. CUTTING & BAKER, *San Francisco*. Catsup, for general market; a very good article. Also, Pickles, in half and in gallon jars; assorted Vegetable Pickles, a very superior article. This establishment is capable of supplying the demand of the whole California market for this article, of which they have 500 hogsheads on hand.
A Diploma.

506. W. ERZGRABER, *San Francisco*. Samples of Pickles, of fair quality.
A Bronze Medal.

94. C. PARROTT, *San Francisco*. Three samples of Vinegar; a Ruta Baga Turnip.

CLASS XLIV.

SEWING MACHINES.

Judges :

PAUL TORQUET,

MRS. S. B. COPELAND,

MRS. R. S. STRATTON,

HENRY WILLIS,

JAMES DEVOE,

HENRY HARMON,

GEO. B. DAVIS.

Five varieties of Sewing Machines were exhibited, from four different inventors, to wit: Wheeler & Wilson, Grover & Baker, Singer, Uhlinger, and Landfear.

Of these, the three first far surpass all other kinds, and are so very nearly equal in point of perfection, that it proved no easy task for the judges to decide as to the nice shade of superiority that one might possess over the other.

64. H. C. HAYDEN, *San Francisco*. Agent for Wheeler & Wilson's Sewing Machines. These, in the opinion of the judges, are the best adapted for family purposes, and for general use in California; they are simple in construction, thereby being less liable to disarrangement; they are easily taken to pieces and readjusted. The stitch produced by them is even and regular, and alike on both sides of the fabric; it is the most difficult stitch to unravel of any produced by sewing machines; it is awarded *A Diplôme*.

260. J. H. DUNNELL, *San Francisco*. Agent for Singer's Sewing Machines. The stitch produced by these is of the same kind as that of Wheeler & Wilson's machines, i. e., plain and alike on both sides of the fabric; these machines turn out very strong and beautiful work, and what little irregularity may exist, is ascribed to the character of the feed motion, which, being accomplished wholly by friction, is considered less certain than the other systems in its operation. The mechanical arrangement is, also, more complex, and liable to get out of order.

A Bronze Medal.

413. S. O. BRIGHAM, *San Francisco*. Agent for Grover & Baker's Sewing Machines. These have some excellent points; their

stitch is elastic, strong, and very regular, but it requires more thread than the two preceding systems, and has the disadvantage of not being alike on both sides, and is easiar to unravel than the other kinds. It produces fine effect in embroidery, and the construction of the machines is simple and very substantial. *A Certificate of Merit.*

505. C. HOWLETT, *San Francisco*. Agent for Uhlinger's Sewing Machines. These produce a stitch similar to that of the last mentioned machines.

283. C. F. MARWEDEL, *San Francisco*. Exhibited one of Landfear's small Pocket Machines. They are ingenious, and highly convenient for traveling purposes; their main qualities are their compactness, and the cheap price at which they can be procured. The stitch produced is single threaded.

CLASS XLV.

MISCELLANEOUS.

Judges :

J. H. ATKINSON,

P. B. COMINS,

H. CHANNING BEALS.

Many of the articles exhibited in this class were identically the same that the judges had passed upon in last year's fair; these are, consequently, briefly noticed.

2. J. E. NUTTING, *San Francisco*. A patent Air Excluder, for liquors, on draft; there was no evidence before the judges of its being of domestic manufacture, nor any certificate as to its practicability for general use.

37. CHANCEY CURE, *Benicia*. Two Sea Owls, and a model of Natural Bridge of Virginia.

48. Mrs. J. H. V., *San Francisco*. A Japanese Coin, and a pair of Japanese Shoes and Stockings.

66. JOSIAH T. FINNEY, *San Francisco*. A Whale's Jaw.
148. M. HALE, *San Francisco*. A set of Italian Images.
209. Miss M. T. CAMPBELL, *San Francisco*. A porcelain Tea Set, and a Dinner Set, also, of porcelain. Imported.
218. C. CURTIS, *San Francisco*. A pressed Orange Leaf, from the tomb of Washington, Mount Vernon.
242. J. HAHN, *San Francisco*. Nine Mirrors. Imported. New style. *A Special Premium.*
- C. WHALLEY, *San Francisco*. Three large and beautiful Mirrors, kindly loaned for decorating the Pavilion. *A Special Premium.*
270. J. W. STEVENS, *San Francisco*. An ingenious Puzzle, in a bottle.
295. J. S. MULHARE, *San Francisco*. Declaration of Independence, on parchment.
304. Mrs. M. H. MURPHY, *San Francisco*. Two Drawings, bought at the sale of Washington's effects.
316. Mrs. MERRILL, *San Francisco*. A frame containing a piece of Continental Paper Money.
318. Mrs. E. P. RODGERS, *San Francisco*. A framed Second Lieutenant's Commission to Cyril Lee, by Oliver Wolcott. 1797.
319. Mrs. GRIMES, *San Francisco*. A pair of silk Suspenders, made in Canton.
- D. STARK, *San Francisco*. A piece of the Atlantic Telegraph Cable.
357. L. R. TOWNSEND, *San Francisco*. An ancient Axe, presented by Captain Cook to a chief of the Otaheite Islands, during his first voyage to the Pacific, in 1769.
395. J. W. SAYWARD, *San Francisco*. A model of a Northern Indian Canoe, a Port Ludlow Clam Shell, and a Northern Indian Blanket.
396. H. H. THRALL, *San Francisco*. A model of a Fraser River Canoe.

402. J. STARK, *San Francisco*. Two Bows and Arrows, from Navigators' Islands; a Bow, and Arrows tipped with human bone, from the Feejee Islands; five War Clubs, and three War Club Waddies.

386. D. MOORE, *San Francisco*. A case containing an Egg of African Ostrich, and specimens of Coral.

403. J. R. WILTON, *San Francisco*. Six Canoe Paddles, a Spear and a Spike Spear, from the South Sea Islands.

404. Mrs. H. COFFEY, *San Francisco*. A miniature Sewing Party of Dolls.

420. J. LINDSAY, *San Francisco*. A Chair cut out of wood.

427. ODD FELLOWS' LIBRARY, *San Francisco*. Section of Bark from the big tree, twenty-one inches thick; model of Northern Indian Canoe, made of skins of sword fish; Whale's Jaw; six Sharks' Jaws; Mask worn by the natives of Kamschatka, etc., etc.

475. Mrs. L. WARREN, *San Francisco*. A blue and white woven Coverlet. Imported.

507. J. ROSS, *San Francisco*. An Indian Canoe, two Carved Heads, and a Cooking Basket.

546. Miss MELOON, *San Francisco*. Two Indian Baskets, trimmed with feathers and bills of birds. A Shoe, worn by a lady in the Revolution.

554. G. HUDSON, *San Francisco*. A Powder Horn, made in the first Colonial War, 1758.

555. B. BROOKS, *San Francisco*. A Dress and a Pipe of the Nutka Indians.

35. Mr. WILLIAMS, *San Francisco*. A dozen cases of Chelsea Fire Kindlings. Imported.

344. C. L. ISAACS, *San Francisco*. Eight Bunker's patent Life Preserving Shirts. Imported. A very valuable, useful and practical invention. *A Special Premium.*

27. BECKER BROS., *San Francisco*. A case containing Meer-schaum Pipes and Cigars. Imported. The pipes are very elegant and costly.

16. E. KUNITZ, *Santa Cruz*. A box of Glue, of very superior quality, manufactured by himself in Santa Cruz; equal to the best imported.
A Special Premium.

12. G. B. GALLOUP, *San Francisco*. A large exhibit of Pottery Ware, from the Pacific Pottery, made by Hevener & Walter, Sacramento City. The quality of this Pottery is very superior; among it are Water Pipes for Drains, Butter Jars, Pickle Jars, Flower Pots, Vases, etc., etc., of various styles and colors, and it deserves
A Diploma.

40. H. BOETTGER, *San Jose*. Fourteen pieces of Pottery, manufactured by himself; mostly ornamental, of good quality, and a credit to the State.
A Bronze Medal.

301. J. W. SHAEFFER, *San Francisco*. A Tobacco Plant; a case of Cigars, made in this city, of very excellent quality, equal to any imported.
A Diploma.

39. Mrs. H. ROWE, *San Francisco*. A stuffed California Condor.

194. J. JEWETT, *San Francisco*. An Artificial Leg, of ingenious construction.
A Certificate of Merit.

388. T. ELLSWORTH, *San Francisco*. A plant of Spanish Wrapper Leaf Tobacco, grown in San Francisco.

443. HUCKS & LAMBERT, *San Francisco*. Samples of the celebrated patent Axle Grease, made by them in this city; an article of great utility, and in general use here, in New York, London, and on many leading railways in Europe and America; the evil known as the firing of wheels, is, by its use, effectually prevented.
A Special Premium.

599. E. SCHMIDT, *San Francisco*. A small pasteboard model of a Cottage. (Juv. Dep.)

— Colonel WARREN, *San Francisco*. A case containing the following articles, to wit:—

250 samples of Wool, of the following varieties:—

Spanish merino, French merino, Southdown Kentucky, improved, Spanish, Mexican, and Caucasian Wool. Samples from the flocks of J. D. Patterson, N. Y.; J. C. Taylor, N. J.; E. E. Cook, Ohio.

Samples from Vermont, New Hampshire, and of the splendid fleece of the Cashmere Goat ;

The first Silk reeled in California ;

The first Raisins made in California ;

The first Peanuts grown in California ;

Taylor's samples of new Grains and Grass ;

Six large sheaves of Grains ;

One sheaf of Hemp ; bunches of Hemp, Lint, and Flax ; and ten samples of Clover ;

Twenty Plates of Stock ; Tobacco, in leaf and manufactured ; Rice from Japan ; Canary Seed raised in California ;

Lithograph of a Pear weighing four pounds, grown in Oregon ; Millet ; White Marble ; Grain Marble ; Tamarinds and Gooseberries, from Yo Semite Valley ; Hemp from Japan ; Gourd grown in 1853 ; seven jars of Pickles ; Squash weighing 160 lbs. ;

Portrait of Gen. J. A. Sutter, in oil ;

Colored Engravings of first fruits grown California, and Engravings of Southdown Sheep. *A Special Premium.*

435. Dr. E. TEEGARDEN, *Marysville*. A box of California grown Tobacco, green leaves. They appeared of a good quality, and looked remarkably healthy. Also, a fine mass of several pounds of the Leaf, prepared natural, of fine color, and rich, fragrant odor.

A Special Premium.

619. Miss S. L. TEEGARDEN, *Marysville*. A loaf of Domestic Bread. Of excellent quality, although several days old. It was raised with domestic yeast, and is quite a credit to its maker, aged only 13. It is accompanied by a recipe for making domestic yeast, which appears a good one.

A Certificate of Merit.

51. M. KELSEY, *San Francisco*. A child's Boston Chaise, manufactured in N. Y.

136. F. GRUBER, *San Francisco*. Two show-cases containing Stuffed Birds.

183. J. NICHOLS, *San Francisco*. Two boxes containing Stuffed Reptiles.

371. E. A. TAYLOR, *San Francisco*. Three frames Advertising Show Cards.

513. E. C. HARFORD, *San Francisco*. A carved Stone Image, from Queen Charlotte's Island.

514. A. CHATE, *San Francisco*. A Stone Jar of Preserved Peaches, in syrup.

521. Col. A. J. GRAYSON, *San Francisco*. A case Stuffed Birds.

532. Miss GRONDONA, *San Francisco*. A large Doll, magnificently dressed.

537. G. B. LARRABEE, *San Francisco*. A Stuffed Terrier Dog, prepared by Gruber.

624. J. BURNETT, *San Francisco*. A frame containing thirteen pieces Continental Paper Currency.

627. C. DEBROD, *San Francisco*. A Miniature Tank, for storing wine.

630. WM. MARTIN, *San Francisco*. Four pots Plants, viz.: one white and one red Hollyhock, double; a Scotch Hawthorn, and a Scotch Broom.

635. M. W. NOBLE & Co., *Oregon*. Sample of Golden Egg Plums, ten of which weigh thirty-three ounces.

638. J. R. LOWE, *San Francisco*. Specimens of Landscape Gardening, exhibiting orchard grounds and residence of Col. C. Younger, San Jose.

639. A. A. BUCKLEY, *San Francisco*. A lot of imported Glassware.

647. G. T. MALLET, *San Francisco*. Tambling's Improved Washing Machine.

651. T. C. CHURCHMAN, *Sacramento*. A Washing Machine and model. This machine presents advantages superior to many; by the process adopted, clothes in greater quantity are cleansed by the aid of soap and water; it works most satisfactorily; it is economical, and worthy of commendation for its labor-saving qualities.

A Certificate of Merit.

654. GASPARD BROS., *Campo Seco, Calaveras Co.* Two Laurel Roots.

657. Mrs. HALL, *San Francisco*. A box containing Mice made of apple seeds.

682. Mrs. J. WARWICK, *San Francisco*. Coat of Arms, from the English throne.

3. T. H. BLOOMER, *San Francisco*. A zinc case containing Strata taken from shaft sunk in Australia.

49. H. DUSENBURY, *San Francisco*. Several specimens of Minerals, from the Geysers.

172. S. FULLER, *San Francisco*. Two boxes and two lumps of Coose Bay Coal.

230. B. F. HARDY, *San Francisco*. Ten specimens of Fossils and Minerals, from Placer County, California.

347. J. F. BOWERS, *San Francisco*. Specimens of Cinnabar Ore and Quicksilver, from New Almaden Mines.

486. D. HOWARD, *Alameda County*. Specimens of Coal, from Alameda County.

580. FAY & WILLIS, *San Francisco*. Specimens of Suisun Marble Stalactite.

618. PACIFIC GUANO Co., *San Francisco*. Samples of Guano, from Johnson's Island.

623. J. F. BAYLIS & Co., *Petaluma*. A very large specimen of Petrified Wood.

628. R. MERRILL, *San Francisco*. A piece of Coral, in a case.

CLOSING ADDRESS,

DELIVERED AT THE TERMINATION OF THE SECOND EXHIBITION
OF THE MECHANICS' INSTITUTE OF THE CITY
OF SAN FRANCISCO,

BY REV. A. H. MYERS,

OF ALAMEDA.

MR. PRESIDENT, LADIES AND GENTLEMEN, AND MEMBERS OF THE
MECHANICS' INSTITUTE :

The occasion of our coming together is one of no ordinary interest to us, and to the dwellers on this wide-spread Pacific coast, from Sitka on the north, to the Straits of Magellan on the South. Although it is now almost three centuries and a half since the first white man—the heroic Castilian explorer, Vasco Nunez de Balboa—from the summit of the mountain on the Isthmus of Darien, beheld the Pacific Ocean, yet to-day, this twenty-third of September, 1858, San Francisco—a city, in its Anglo-Saxon character, but ten years old—is the leading commercial emporium, and her Mechanics' Institute the only association of the kind on the entire coast. And never since the day that the adventurous Balboa looked upon this mighty ocean, has an event occurred fraught with greater interest to the cause of civilization and humanity, than the event which we consummate to-night. In the inscrutable providence of God, we are placed a civilized and civilizing element in the midst of semi-civilized communities on this coast; whilst over against us, in the isles and on the coast of the majestic Pacific, is found the bulk of the uncivilized humanity of our globe. What a vast field

for the laborers in civilizing development, in which to employ their energies and attainments. How proud the position you occupy :

“ You are living, you are dwelling,
In a grand and awful time,
In an age, on ages telling,
To be living, is sublime.”

“ Lives of all great men remind us
We can make our lives sublime,
And, departing, leave behind us
Footsteps on the sands of time ;
Footsteps, that perhaps, another,
Sailing o’er life’s solemn main,
A forlorn and shipwreck’d brother,
Seeing, shall take heart again.”

We are now marking on these shores the footprints of civilization. Let us see to it that they are imprinted in the “lower old red sandstone” of truth, justice, and the right of faith, hope and charity ; the eternal and immutable principle on which the throne of the Eternal rests, and which the martyrs of civilization have sealed and consecrated with their blood. Mechanics, artists, pomologists and florists, allow me to congratulate you upon the noble stand you have taken, upon the great and good work you have already performed, and the proud position you occupy before the civilized nations of the world and “the rest of mankind.” Nobly have you acquitted yourselves. When and where, under circumstances at all similar, has such a Fair been held ? Who but the adventurous and enterprising citizens of California, would have dared to venture upon an Exhibition with the surrounding forbidding circumstances staring them in the face ? You resolved—you acted—you conquered. The sons of Archimedes, of Fulton, of Morse, of Raphael, of Vulcan, and of Linnæus, have done honor to themselves and their respective representative heads. No emperor and empress, nor king and queen, nor “titled lord and a’ that,” ever snuffed the aroma of richer, or beheld fruits more luscious, beautiful, and tempting, than those exhibited by the Horticultural Society ; and all varieties, too, from the luscious fig, orange, and grape of the south, to the hardy winter apple of the north.

Nor was Flora, with her grateful perfume and enchanting forms and colors, wanting to crown the scene with grace and beauty. Surrounded by her California progeny and a grand array of her most beautiful daughters, brought together from all lands and zones, she was the admired and adored of all.

Next comes the wand of Art, and throughout her gallery into being sprung the truthful image of the living, both of the human form and face Divine, and Nature in her grand and lovely, fixed and living forms. And as we go from thence, the heavy-labored breathing of the iron-horse is heard, and by his power is made to rise and fall huge stamps; and to revolve huge wheels, which, by their crushing, grinding power, compel the flinty quartz to relax its grasp upon the precious dust, and yield it up to Russ,* not rust.

And thus for hours we wander, now in wonder lost, and contemplation deep, and with pleasure contrast draw, between the *modus operandi* of sewing, in Adam's age and ours. But why do I daguerreotype for you, the "Fair" which your own hands have made, and which upon your inmost soul its image deep has stamped? Whilst those who have not seen, in incredulity, will shake their heads, and with a sigh exclaim, "If boasting be a Yankee trait, Californians have earned the name."

The inquiry has often been instituted, as to the first and primitive occupation of man, and it is generally claimed to have been horticulture. To this claim, we mechanics demur—(I say we, for in my younger days I have made ax-helves, hickory and corn brooms, ox-yokes, clothes and scrubbing brushes, and "sundry other articles too tedious to enumerate.") We claim that the first manual labor that Adam performed, according to sacred history, was sewing, or tailoring, in which he was assisted by his lovely Eve. And further, that he was not prepared to "dress and keep" the garden in accordance to the Divine command, until his mechanical genius was called into exercise, in the invention and manufacture of appropriate implements. Thus you see, we have Adam, something of a mechanic, as well as florist and horticulturist. We allude to these historic facts, that we may have occasion to notice and rebuke the petty envies and jealousies which frequently show themselves, in the invidious distinctions that are drawn between the various classes into which society is divided. In the progress of civilization and the mechanic arts, division of labor has been found not only desirable, but indispensable. This will be apparent at a glance, in the light of our civilization and progress. And as society is now constituted, there is a mutual dependence of each on the other among all classes.

This great truth should be realised and acknowledged everywhere, but especially in our democratic government. An ancient writer of no ordinary renown, employs the following beautiful figure to illustrate

* Col. Russ exhibited a new patent Amalgamator and Separator.

and enforce this doctrine of mutual dependence: "For the body is not one member, but many. If the foot shall say, because I am not the hand, I am not of the body; is it therefore not of the body? If the whole body were an eye, where were the hearing? If the whole were hearing, where were the smelling? And if they were all one member, where were the body? But now they are many members, yet one body. And the eye cannot say unto the hand, I have no need of thee; nor again the head to the feet, I have no need of you. Nay, much more, those members of the body which seem to be feeble are necessary; and those members of the body which we think to be less honorable, upon these we bestow more abundant honor, and our comely parts have more abundant comeliness."

It is unmanly—it is base, to scorn the humble laborer in the various departments of active practical life. What do we know of the Infinite Creator, than that he is an infinite mechanic? When are we most God-like? When active, or inactive? When destroying, or creating? When employed in making what the Creator left unmade, in making the human race? "The lower animals are sent into the world in appropriate, finished, and well-fitting costume, provided with direct and effective means of subsistence and defence. The eagle has his imperial plumage, beak, and talons. The elephant, his leathern roundabout and traveling trunk, with its convenient air-pump; and the beaver, at once a carpenter and a mason, has his mouth full of chisels and his tail a trowel." But man comes into this world nude, helpless, and dependent. Nothing ready-made; only the means of making. And right nobly has he addressed himself to the task. Man has created not only tools, but servants. He has harnessed steam to his chariot, and commands the lightning to carry messages across oceans, and to distant parts of the earth. If he chooses, he clothes his lovely spouse and charming daughters, in garments rivaling in richness and beauty the plumage of the bird of Paradise.

If we admit that man's moral nature is superior to his mechanical; yet we think it is susceptible of demonstration, that the moral condition of the world is affected by the mechanical, and that it has advanced and will advance at equal pace with mechanics. Believing that the world is destined to a glorious moral renovation, "when the wolf shall dwell with the lamb, and the leopard shall lie down with the kid; and the young lion and the fatling together, and a little child shall lead them. And the cow and the bear shall feed, their young ones shall lie down together, and the lion shall eat straw like the ox."

And believing that machinery and mechanics is one of the powerful agencies employed by Providence, in effecting this glorious and much to be desired consummation, we put no limit to the inventive power of the human mind.

Since the accomplishment of the most extraordinary achievement ever made by science and art, to wit: the successful laying of the Atlantic Submarine Cable, we now imagine we see foreshadowed in the book of Prophecy: "Their line is gone out through all the earth, and their words to the end of the world." Can you see any remarkable achievement of science and art foreshadowed in this prophetic inquiry: "Who are these that fly as a cloud and as a dove to her windows?" Does it refer to the ærial car? And shall this method of traveling become so common, as simply to extort the inquiry—Who are these? A natural inquiry, when this mode of travel is once adopted. Shall we see the day when man, in his ærial car, will soar through the atmosphere on the "wings of the winds," visiting at his pleasure countries near and remote? Who doubts it? With this exalted hopeful view of man's inventive genius, let us be careful not to over-estimate ourselves, or depreciate the labors of the pioneers of art in ages past.

Our race, ever since its appearance on the earth, has, doubtless, been increasing in knowledge; but has there been an improvement in faculty? Were the ancient masters of mind inferior in caliber to their successors? Have we surpassed the old Greeks in either the perceptions of the beautiful, or the ability of producing it? Scientific and mechanical knowledge is cumulative in its character, each advance step being preparatory to another, and hence its votaries in modern times stand on a higher pedestal than their predecessors. Let us render full justice to Euclid, Archimedes, and Aristotle; to Tubal Cain and Hiram, to Watt, Fulton, and their noble associates; names more worthy of immortality than are the names of many who led legions to victory on the field of carnage and blood. Their triumphs are peaceful, living, cumulative triumphs—breathing peace on earth, and good will among men. Nor yet let us allow ourselves to depreciate the labors of the theorist. By theorists, we do not mean those whose views and doctrines terminate in speculation alone, without considering the practical uses and application thereof; but generalized practice, or the results of practical experiments reduced to system, and embodied in general language. There should be no contest between the theoretical and practical mechanic. "The true distinction which is to be recog-

nized between theory and practice, as terms of language, is, that practice describes a set of operations which have not been methodized and reduced to a systematic form. Theory, on the other hand, is the name under which a class of operations is generalized, and their principle enunciated. While practice indicates a certain mode of action, theory points out the most correct way. And, if this view be correct, our next position is, that practice, unaided by theory, has only a chance of being right, whereas generalized theory can never be wrong; and that practice which is not entirely in accordance with theory must be erroneous."

Let me not be misunderstood. Hypothesis and theory are essentially different; as the hypothesis may be correct, but the theory is essentially true. That which is erroneous has no place in theory, and can form no element of theoretical knowledge. Every practical mechanic, and, indeed, every member of society, whatever may be his position, has, then, an interest in the extension and diffusion of theoretical knowledge. Theory is the model to be taken for imitation, and it is upon this imitation that all dexterity in mechanism is founded. No practical man, if he harbor the slightest desire for improvement in his operations, can, therefore, avoid theorizing, however unconscious he may be of the mental process employed. All that admirable accuracy which characterizes the tools of the workshop; all those improvements in the arts of which we are so justly proud; all that delicacy and beauty of workmanship, to which we point with exultation; all that skill and dexterity; all that knowledge and ingenuity, which the products of our industry exhibit, are the legitimate results of that quenchless thirst for theoretical knowledge which actuates the mass of society as by one common motive. Let, then, the practical mechanic embrace the theorist as his co-worker; and if theories propounded by non-practical men are defective and wanting in some important element, it belongs to him to correct these so-called theories; to take from them those elements which are valuable, and which he may have overlooked in his practice, and ingraft them upon his own stock of knowledge. "Thus he will become a more valuable workman, and, rising in the scale of intelligence, he may set up a model for practice which may stimulate to further and higher improvements. Following up the sleepless principle of his nature, he stamps upon his art the impress of his intellect, and takes his place as a benefactor of his race." Do I too highly magnify this art or occupation? Agriculture, science, and commerce, answer no. The elements that have been brought into subjection by it, in thunder tones, answer no.

Would that I had the ability to collect, as with one grasp, the laurels which this art has won; I'd place Vulcan in your midst, and hang them on his brow. There can and may be mere animal, aboriginal existence without this art; but comfort, convenience, refinement, development of commercial and natural resources; in a word, civilization there cannot be. Never since the Star of Empire "westward took its way," has there been opened up to enterprise, and particularly mechanism, a richer and more promising field in which to achieve her triumphs, and to crown her brow with fresh laurels. A continent is to be bound together with cables of copper and bands of iron. The vast Pacific, the commerce of which is to enrich the nations, and make San Francisco the mistress of the sea, is to be whitened with our ships, and plowed by our mighty steamers.

California will soon have her railroad Kings and Commodores—her McKays and Steers. This art is too vital to every interest held sacred by humanity, to be endangered by any cause whatever, without creating alarm. We are no alarmist, nor would we call attention to dangers merely imaginary. What portion of our American youth are learning trades? Is there not throughout our land an aversion to the system of apprenticeship, by which the art must be maintained? Once in a while there may appear a mechanical genius, who, without long training and discipline, becomes eminent in the art; but such instances are rare, and generally your genius becomes a "meteor," or "wandering star," like the present visitor to our system, dazzling for a while, but passing away without blessing or improving civilization or humanity. It is the patient, toiling, persevering mechanic, that leaves footprints behind him. And such our youth must become, if the topstone of this magnificent superstructure is to be laid "with shoutings of grace, grace unto it." But such they will not, cannot be, without a regular system of training. And why should they not enter and submit to the discipline of this school? Can they obtain position and promotion in the army and navy of our government upon easier terms? Can they obtain the charge of the books of a commercial or banking house—of an insurance office—without discipline in the art of book-keeping? Will they dare assume the responsibility of the management of any business, without previous training and discipline? But, perhaps, this aversion is not so much in the minds of our youth, as in the minds of their parents. "What! my son a mechanic! I scorn the thought. My son shall be a scholar—shall adorn a profession, or fill an honorable position in the government of his country." Well said! But if what you say

is true, why not give him educational advantages, until he reaches a proper age, and then encourage him to acquire a trade, as not only the best and safest road to an independent and useful life, but to the honors that you believe are in store for him in the temple of fame.

Was Franklin ruined by dipping candles, serving an apprenticeship, and laboring as a mechanic? Was Washington ruined by carrying a surveyor's chain through the swamps and briars of Virginia? Was Roger Sherman consigned to infamy by hammering on a lap-stone? Or Elihu Burritt by the soot and sparks of the anvil? Away with your aristocratic notions, man,—you don't apprehend the spirit of the age. Have you not heard that labor is king, and is about to assume the government of this land? Already she has placed one of her favorite sons in the Chair of State of Old Massachusetts, and others in the Senate Chamber of our country. 'Tis true that to govern men both from the internal and the external is the highest of all earthly employments—almost divine—though often confided to the basest of men. Yet, why should not the intelligent mechanic, who is familiar with the machinery of our government, guide the Ship of State?

It is an axiom in politics, "That government is best that governs least." It is also an axiom in mechanics "that simplicity is merit;" no fifth wheels in mechanics. When the time shall come for mechanics and laboring men to assume the reins of government, they will take off some of Pharaoh's chariot wheels. "A word to the wise is sufficient." But if we would remedy this evil, our system of collegiate education must be changed. Manual education must go hand in hand with intellectual and moral culture. This is demanded in order to proper physical development, and the formation of correct habits of thought and industry. Let your son return from college with his mind well disciplined, and stored with useful knowledge; his hands inured to toil, and well filled with evidences of his mechanical skill, and with a sound constitution and manly frame, developed by honorable labor. The time has not yet come for the adoption of this system, but come it must, and will, or there is no truth in man's destiny.

The old and somewhat aristocratic system must work on a few years longer—sapping constitutions—cherishing erroneous views of social position and social life—turning men out upon society with no sympathies in common with the laboring masses, and only partially qualified to meet its demands upon them. But as certain as there is a general "good time coming," just so certainly will the attention of philanthropists and patriots be directed to this evil, and the corrective applied.

On the eve of the ever-memorable battle of Trafalgar, Lord Nelson caused to be run up to the mast-head of his flag ship, a banner with this inscription: "England expects every man to do his duty." The effect was electrical. History records the result. Mechanics of San Francisco—citizens of California, you are engaged in the responsible and momentous work of founding a mighty empire. Mighty it must be, will be, for weal or woe. Its might we cannot control; its character we will decide. Shall it be high-toned, just, refined, generous, humane? Christian civilization and oppressed humanity "expect every man to do his duty."

"Let us then be up and doing,
With a heart for any fate,
Still achieving, still pursuing,
Learn to labor and to wait."

But if there should be drones in the hive, let me commend to them Dr. Franklin's paraphrase of Horace:

"There are a number of us creep
Into this world to eat and sleep;
And know no reason why they're born.
But merely to consume the corn,
Devour the cattle, fowl, and fish,
And leave behind an empty dish.
Though crows and ravens do the same,
Unlucky birds of hateful name,
Ravens and crows might fill their places,
And swallow corn and eat carcasses.
Then, if their tombstones, when they die,
Ben't taught to flatter and to lie,
There's nothing better will be said,
Than that they've eat up all their bread,
Drank all their drink, and gone to bed."

R E P O R T

OF THE

EXECUTIVE COMMITTEE.

TO THE MEMBERS OF THE MECHANICS' INSTITUTE

OF THE CITY OF SAN FRANCISCO : —

Gentlemen : Shortly after the close of the First Exhibition given under the auspices of this Institute, in the year 1857, it was determined that another Fair should be held in the same place, in September, 1858; and the Horticultural Society, having learned the fact, expressed a wish to join our Institute in said Exhibition. This led to a correspondence between the Societies, to adjust a plan of operations, in which the Horticultural Society was represented by Messrs. F. W. Macondray, Wm. Neely Thompson, and J. W. Osborne; and our Institute by Messrs. Daniel Van Pelt, H. F. Williams, and R. Fiske;—and the result of their deliberations was the following compact, which met the unanimous approval of both Societies :—

“ I. The Exhibition shall be gotten up under the general management and control of the Mechanics' Institute; and after every necessary expense, such as rent, labor, watchmen's hire, painting, fixtures, lights, &c., shall have been paid out of the gross receipts, a net balance shall be reported, and one fourth of the same shall be paid over to the Horticultural Society.

“ II. The Horticultural Society shall have the privilege of occupying one fourth of the space occupied by the Fair Building, if needed, and shall appoint their own committees of judges, and grant awards without interference on the part of the Mechanics' Institute. The expense attending the same, as well as the printing of their reports, to be borne by themselves, out of their portion of the net receipts as specified in Art. I.

“ III. Each of the parties to this compact must use every reasonable endeavor to render the contemplated Exhibition attractive, and dispose of as many tickets as possible, placing the proceeds thereof in the general fund.”

The compact having been approved, circulars setting forth the ma-

terial facts were issued by both Societies. These soon appeared in the advertising columns of many of our newspapers, and served as the basis for numerous editorials. They were also placed in the hands of special agents, for distribution, and by these means the movement gained publicity, and a lively interest was awakened, which called forth contributions from almost every branch of art and industry.

The Pavilion, which had been found rather small for the First Exhibition, was enlarged by two additions, covering an area of five thousand feet,—making the entire structure cover an area of twenty-five thousand feet. One of these additions was appropriated exclusively to the fine arts; the other was chiefly taken up by sewing machines and their products.

The Opening Address, which has its proper place in this publication, was delivered by Mr. JAMES A. BANKS, an esteemed member of our Institute, at Musical Hall, on the evening of September 1st, to a very large and appreciative audience. The day following, the Pavilion was thrown open, and for twenty days, excepting Sundays, was thronged with visitors, who evinced in an unmistakable manner the approval of the public.

The several Committees of Judges were filled with great care before the opening of the Fair; and such was the fairness displayed in their awards, that scarcely a word of complaint reached the ears of your Committee: and, with but few exceptions, their reports were prepared in time to have the awards announced prior to the close of the Exhibition,—which was alike gratifying to the contributors and to your Committee.

Your Committee take great pleasure in expressing grateful acknowledgments to Commodore CUNNINGHAM, U. S. N., commanding at Mare Island, for his ready, cheerful, and hearty response to their application for the loan of a number of flags, which were used in decorating the Pavilion. They were also greatly indebted to Messrs. SPERRY & Co. for a large tower clock, which was erected without charge to the Institute, in the main hall of the Pavilion.

Due notice was given through the public prints, that the half of the gross receipts of one day would be donated to the Protestant Orphan Asylum, the half of another day to the Roman Catholic Orphan Asylum, and the half of a third day to the Ladies' Relief Society. These donations were made, and the acknowledgments of the recipients are herewith submitted.

The Closing Address, which appears in its proper place in this

publication, was delivered by the Rev. A. H. MYERS, to a large and appreciative audience assembled at Musical Hall, on the evening of September 23d.

Last year, by a resolution of the Institute, the members were required to purchase tickets of admission to the Fair, which, though it swelled the receipts of the treasury, caused much complaint and dissatisfaction. This year the opposite policy was pursued. Each member was furnished with a free admission ticket, and the good feeling engendered thereby is deemed by your Committee more than an equivalent for the small pecuniary loss.

The intense excitement consequent upon the discovery of gold on Fraser River, and which prevailed in our midst for a time prior to, as well as during the continuance of our Exhibition, tended to divert public attention, and very materially to lessen the receipts of the Fair, probably, to the extent of several thousand dollars.

This fact, when considered in connection with others before mentioned, affords a satisfactory explanation for the great discrepancy between the receipts of this year and last.

But all things considered, your Committee feel grateful at the result, for the reports of the several committees show a vast improvement in the products of almost every branch of industry represented.

The reports, as handed in by the several Committees of Judges, were placed in the hands of P. TORQUET for compilation.

The following financial statement of our Treasurer speaks for itself:—

R E C E I P T S .

From sale of Season Tickets, previous to opening the Fair,				
		203 tickets, @ \$5,.....		\$1015 00
Sept. 2.	Received at the door,.....			1270 50
" 3.	" " "			939 25
" 4.	" " "			770 00
" 6.	" " "			971 50
" 7.	" " "			831 00
" 8.	" " "			787 00
" 9.	" " "			792 50
" 10.	" " "			686 00
" 11.	" " "			793 00
" 13.	" " "			560 00
" 14.	" " "			466 00
" 15.	" " "			463 00
" 16.	" " "			346 50
Amount carried forward,.....				\$10,691 25

FINANCIAL STATEMENT.

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				Amount brought forward,.....	\$10,691 25
Sept. 17.	Received at the door,.....				315 00
" 18.	" " "				423 50
" 20.	" " "				500 00
" 21.	" " "				362 00
" 22.	" " "				400 00
" 23.	" " "				276 50

707 Season Tickets at \$5,.....	\$3,535 00	
18,866 single tickets, 50 cents,.....	9,433 00	\$12,968 00
Receipts of Ball,.....		948 50
Rent of Refreshment Room,.....		100 00
Rent of Soda Fountain,.....		50 00
Sale of Pavilion Gas Fixtures, Canvass, &c.,.....		1,200 00
		<u>\$15,541 50</u>

EXPENDITURES.

For Rent of lot for Pavilion,.....	\$1200 00
" Canvass for Roofing,.....	1109 00
" Bracing Dome,.....	125 00
" Decorating,.....	568 22
" Lumber,.....	654 61
" Gas,.....	459 00
" Music (including Ball),.....	1020 00
" Watchman at Pavilion previous to opening Fair,..	300 00
" Labor, including Watchman and Police,.....	2376 63
" Printing Advertisements, Circulars, Tickets, &c.,..	1196 00
" Stationery,.....	34 65
" Fuel,.....	165 25
" Carting,.....	57 50
" Water,.....	54 60
" Hardware,.....	52 91
" Service Pipe,.....	76 50
" Iron Work, setting Boiler, &c.,.....	66 95
" Use of Engine and setting up,.....	225 00
" Lamps and Oil,.....	111 75
" Gas Pipes and Fixtures,.....	160 00
" Shafting,.....	152 25
" Belting,.....	40 40
" Paints, Oils, &c.,....	17 57
" Tin Work,.....	37 25
" Damage of Fountain,.....	150 00
" Carting same,.....	70 00
" Blocks and Ropes,.....	29 28
" Special Agent,.....	350 00

Amount carried forward..... \$10,860 32

Amount brought forward,.....	\$10,860 32	
For Benefit to P. Orphan Asylum,.....	250 00	
“ “ “ R. C. Orphan Asylum,.....	200 00	
“ “ “ Ladies’ P. and R. Society,.....	181 00	
“ Rent of Musical Hall for opening and closing Ad- dresses,.....	45 00	
“ Miscellaneous,.....	223 36	
“ Amount paid Horticultural Society,.....	709 75	
“ Premiums, about,.....	400 00	
“ Compiling Report,.....	175 00	
“ Printing Reports, about,.....	525 00	
		\$13,569 43
Leaving a balance of cash on hand,.....		1,972 07

The Clergy, members of the Press, and children and teachers of the Public Schools, and Orphan Asylums, were admitted free.

All of which is respectfully submitted.

JOHN SIME,	PETER DONAHUE,	} <i>Executive</i> <i>Committee.</i>
DAN’L VAN PELT,	B. H. FREEMAN,	
J. E. KINCAID,	HENRY McNALLY,	
P. B. DEXTER,	JOHN N. RISDON,	
H. F. WILLIAMS,	J. D. PIERSON,	
THOS. TENNENT,	BENJAMIN DORE.	

H. F. WILLIAMS, Esq., *Sec. Mechanics’ Institute* :

SIR: In behalf of the Managers of the San Francisco Orphan Asylum, I take great pleasure in acknowledging the receipt from you, of two hundred and fifty dollars, being one half of the proceeds for admission to the Fair on the 20th September, so liberally donated by your Association for our benefit.

I have the honor to be

Very respectfully yours,

C. A. B. RANKIN,

Treas. S. F. Orphan Asylum.

ORIENTAL HOTEL, Oct. 24, 1858.

SAN FRANCISCO, Oct. 8, 1858.

H. F. WILLIAMS, Esq.—*Dear Sir* : Your favor of the 5th was received yesterday, inclosing a check for \$181, being half the gross receipts of the Mechanics’ Fair, Sept. 21, and which was kindly tendered us as a benefit. Permit me, in behalf of the Ladies’ Protection and Relief Society, to return you, and through you the members of the Mechanics’ Institute, our most sincere

thanks for your kindness and liberality in thus assisting us in our efforts to relieve the destitute.

I remain respectfully yours,

MRS. B. O. DEVOE, *Sec. L. P. & R. S.*

R. C. ORPHAN ASYLUM, }
SAN FRANCISCO, *October 6, 1858.* }

H. F. WILLIAMS, Esq.—*Sir*: Yours of the 5th, inclosing check for two hundred dollars, being one half the proceeds of the Mechanics' Fair held on the 22d September, in aid of the Roman Catholic Orphan Asylum, has been received. In behalf of the Orphans, permit me to tender through you, to the Mechanics' Association, their gratitude for the liberal donation.

GVE. TOUCHARD, *President.*

NAMES

OF THE PRESENT MEMBERS OF THE INSTITUTE.

Adams, Samuel
 Adams, Wm. J.
 Aitkin, Samuel
 Angell, Dr. D. C.
 Applegate, Uriah
 Armes, Geo. W.
 Armes, Charles W.
 Atkinson, Joseph H.
 Austin, B. C.
 Austin, Dr. Henry
 Ayers, John C.
 Aylward, Thomas
 Bach, Martin
 Backus, Oscar J.
 Baldwin, Dr. A. S.
 Ballentine, James
 Banks, James A.
 Bannerman, J. B.
 Barrett, Samuel
 Barron, C. J.
 Battles, Wm. Ward
 Batturs, E. T.
 Bauer, Charles
 Beach, Chilion
 Beagle, Ira J.
 Bell, J. C.
 Bell, James
 Bergson, Ole
 Bernheim, Maurice
 Bernhart, S. H.
 Bigley, Thomas
 Bills, H. C.
 Blaikie, R. T.
 Blair, Wm. D.
 Blake, C. T.
 Blake, Francis

Blake, G. W.
 Blanding, Louis
 Blethen, J. E.
 Blumenberg, James H.
 Bon, Charles
 Bond, J. W.
 Bones, John W.
 Boston, Joseph
 Bowers, J. B.
 Boyd, Thomas
 Braverman, Isidor
 Braverman, Louis
 Briggs, G. W.
 Brignardello, Stefen
 Britton, Joseph
 Brown, A. B.
 Brown, Nicholas
 Brown, Vincent
 Brownell, L. Franklin
 Buckley, Frank
 Buckley, J. P.
 Bucknam, E. T.
 Buffum, J. C.
 Burbank, Dr. D.
 Burnap, John
 Burney, William
 Burnham, G. W.
 Burns, Isidore
 Burt, S. S.
 Buswell, Alexander
 Calhoun, C. A.
 Cameron, Caleb
 Cameron, Duncan
 Canham, William
 Carlisle, Robert
 Carlton, H. P.

Carpenter, I. W.
 Carter, Robert C.
 Case, Philip
 Casebolt, Henry
 Chace, B. T.
 Chapin, G. W.
 Chase, E. J.
 Cherry, J. W.
 Church, E. W.
 Clark, Reuben
 Classen, James M.
 Clement, R. P.
 Cofran, George
 Collins, Benjamin
 Comins, P. B.
 Cook, Eli
 Cooper, Archibald
 Corbett, J. C.
 Corcoran, Wm. J.
 Corliss, J. F.
 Cottle, F. D.
 Crosley, J. W.
 Culverwell, S. S.
 Cummings, H. K.
 Curtis, J. B.
 Cutting, Eugene A.
 Darbyshire, D. K.
 Davis, Isaac E.
 Davis, William
 Davis, Wm. H.
 De La Montanya, H.
 De La Montanya, M.
 Denny, Joseph J.
 Deussing, Otto
 Devoe, B. O.
 Devoe, James

Devoe, James, jr.	Garratt, Wm. T.	Houston, G. W.
Dexter, P. B.	Gately, Thomas J.	Howland, Warren
Diehl, Christopher	Geddes, Charles	Hubbard, J. C.
Dilhorn, N. B.	Gibbous, Dr. Henry	Hucks, John I.
Dinsmore, Samuel	Giannina, P. A.	Hudson, George
Doe, Bartlett	Gilmore, G. W.	Hudson, John
Doe, J. S.	Gilmore, S. D.	Hug, Joseph
Donahue, James	Gluyas, George K.	Hunter, David
Donahue, Peter	Goger, Charles	Hunziker C.
Donnellan, B. C.	Goodburn, Robert	Hussey, Wm. M.
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Dore, Benjamin	Gordon, George	Ils, John G.
Doud Aaron	Gordon, John	James, Samuel L.
Drevar, F.	Gorman, Louis	Jellineck, Albert
Driscoll, Richard	Graves, E. S.	Jewitt, Jarvis
Drouilhat, Jean	Graves, James	Johnson, James B.
Eastman, Frank	Gray, Dr. H. M.	Johnson, J.
Eastman, Wm. H.	Gray, Nathaniel	Johnston, James
Eayrs, H. P.	Grosh, Samuel	Jordan M.
Edgerton, George H.	Grover, Dr. W. A.	Jorgensen, J. E.
Edwards, Frank G.	Gushee, Horace	Josephi, Isaac S.
Eldridge, Kimball C.	Gullicksen, S.	Kehoe, John
Elliott, Charles D.	Haley, John J.	Keith, S. D.
Elliott, Gardner	Hammes, Philip	Keith, Wm. H.
Emerson, George T.	Hanson, Stephen B.	Kellum, Charles D.
Ensign, George H.	Harford, Edmund C.	Kelly, James R.
Fell, Edward L.	Harris, Marx,	Kenitzer Henry
Fennell, Michael	Hartman, Jacob	Kennedy, John
Fernald, D. L.	Harvey, J. C.	Kesmodel, Frederick
Field, B. Oscar	Hathaway, C. W.	Kiernan, P. J.
Fiske, E. S.	Haubold, F.	Kimball, C. P.
Fiske, Henry G.	Haven, Joshua P.	Kimball, Henry
Fisk, Royal	Havens, Henry T.	Kincaid, John E.
Fitzpatrick, John	Hays, G. W.	King, Henry L.
Flanders, Alvan	Hayden, H. C.	Kittredge, Jonathan
Folsom, Albert	Hayford, C. H.	Klepzig, J. C. E.
Forbes, A. B.	Herrick, Wm. F.	Knox, R. F.
Fortman, Henry	Hewes, David	Kohler, Charles
Foster, G. H.	Hewitt, Henry	Kone, D. C.
Foster, Wm. S.	Hinckley, D. B.	Kuchel, Charles C.
Fowzer, James	Hitchings, Edward W.	Küner, Albert
Fox, Horatio	Hobbs, C. S.	Lane, John C.
Fraser, Simon	Hoffman, Victor	Lee, Joseph
Freeman, B. H.	Holden, William	Legay, John B.
Frost, Horatio	Holmes, Cornelius	Leonard, H. R.
Fuller, Edmund A.	Horber, John	Lovering, R. F.
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Martenstein, Jacob	O'Meara, John	Robbins, Wm. M.
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Matheson, Roderick	Page, R. C.	Robinson, George S.
Maxwell, Walter	Pangburn, J. L.	Robinson, Wm. J. X.
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McDonald, A. D.	Peck, Lewis	Rosekrans, Hiram
McDonald, John	Peirce, J. H.	Ross, Joseph
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Monkhouse, T. A.	Pollock, James, <i>Benicia.</i>	Sickler, C. M.
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